RAILWAY

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

No. 1439.—Vol. XXXIII.

LONDON, SATURDAY, MARCH 21, 1863.

STAMPED.....SIXPENCE. UNSTAMPED..FIVEPENCE.

M. JAMES CK OFTS, SHAREBROKER,
No. 1, FINCH LANE, CORNHILL. (Established 18 years.)
Mr. CROFTS transacts business, in the way of PURCHASE or SALE, in every description of stocks, but particularly in BRITISH MINES, in no case departing from the position of a broker, at net prices. All orders meet with the utmost punctuality and casel, and advice given as to the nature and eligibility of INVESTMENTS, when required, EXCHANGES OF STOCK effected on the most advantageous basis, subject only to one commission.

commission.

SHARES RECOMMENDED:—Sithney Carnmeal, North Treakerby, Illogan, East Chiverton, Caradon United, Okel Tor, Billins, East Russell, East Carn Brea, Bryn Gwlog, Long Rake, East Rosewarne, Ceft Clicen, Central Minera, and Quebrada.

BYERG of Illogan, Ceft Clicen (any number), and Pant.y-Pydew.

*** Apply to Mr. Caofts for shares in Roskoarnowth (North Roskoar), in 700 shares.

M. R. CROFTS begs to inform the mining public that he has resolved to adopt the recommendations of some of his friends, by issuing a "Mining Circular" weekly, on Saturdays, hoping that No. I. will be ready on the 28th inst. Subscriptions, £1 is. per annum, paid in advance, or six stamps per number to non-abscribers.

Mr. Cnorrs hopes that no other information will ever find its way into its columns than that which emanates from a pen sincerely desirous of enlightening the public on the intrinsic merits of all mining shares, dividend and progressive, whilst the mention of any others will be strictly excluded.

Pursers or managers of, and shareholders in, mines are solicited to contribute to the success of the "Circular," by sending reports or notices to Mr. Chorrs not later than Thursday's post from the country.—No. 1, Finch-lane, March 20, 1863.

M. S. A. SIES LANE, NO. 44, THREADNEEDLE STREET,

JAMES LANE has FOR SALE, at nett prices:—20 Arthur, 13s.; 25 Alfred Consols,
17s. 6d.; 10 Bedford United, £3\(\x'_1\); 50 Brea Consols, 6s. 63.; 10 Cook's Kitchen, £20\(\x'_1\); 10 Candom Venn, £3; 10 Caradom United, 40s.; 50 Crebor, 25s.; 100 Cornubia, offer
wanted; 4 Caradom Consols, £21; 5 Cargoll, £48; 29 Drake Walls, £2\(\x'_1\); 20 East
Wheal Russell, £4\(\x'_1\); 20 East Carm Brea, £3\(\x'_1\); 20 East Rosewarns, £3\(\x'_1\); 20 East
Wheal Russell, £4\(\x'_1\); 30 Feat South Tolgus, £5\(\x'_1\); 50 Great Retailack, £3\(\x'_1\); 20 East
Glasgow Caradon, £4\(\x'_1\); 20 Feat South Tolgus, £5\(\x'_1\); 50 Great Retailack, £2s. 6d.; 5
Great Wheal Fortune, £8\(\x'_1\); 26 Hawkmoor, 5s.; 20 Hingston Down, £2; 25 Ludcott,
£3\(\x'_1\); 20 Lady Bertha, 17s. 6d.; 20 Marke Vailey, £5\(\x'_1\); 100 North Porthilly, 14s. 6d.;
20 New South Caradom, £4. 6d.; 20 North Minera, 11s. 6d.; 20 North Crofty, £5; 25
North Treskerby, £4; 10 North Phonnix, £6\(\x'_1\); 60 Pedn-an-drea United, 21s.; 5 Tincroft, £23; 20 Wheal Edward, £3\(\x'_1\); 20 Weal Harriett, £3\(\x'_1\); 20 Wheal Greentiff,
£5\(\x'_1\); 20 St. Just United, £3; 10 Sithney Carnmonl, £2\(\x'_1\); 10 Tamar Consols, 30s.;
and 2 Trelawy. MR. JAMES LANE, No. 44, THREADNEEDLE STREET, LONDON, E.C.

STOCK AND SHAREDEALER.—MR. PETER WATSON,
ENGLISH AND FOREIGN STOCK, SHARE, AND MINING OFFICES, 79,
OLD BROAD-STREET, LONDON, E.C.
RAILWAY, JOINT-STOCK BANKS, DOCK, INSURANCE, CANAL, MINING,
STEAM-SHIP, &c., and EVERY OTHER DESCRIPTION of SHARES BOUGHT

STEAM-SHIP, &c., and EVERY OFHER DESCRIPTION of SHARES BOUGHT and SOLD at the usual rate of commission, or at nett prices.

TELEGRAPHIC MESSAGES to BUY or SELL Railway, Bank, Mine, and other Shares and Stocks, punctually attended to on commission, or at nett prices for cash, or for formightly settlements, with advice as to purchase or sales.

Eighteen years' experience.

(Two in Cornwall and Sixteen in London.)

Bankers: Union Bank of London.

MR. LELEAN, 11, ROYAL EXCHANGE, LONDON, E.C., has FOR SALE the FOLLOWING MINING SHARES, free of commission:—

MR. LELEAN, 11, ROYAL EXCHANGE, LONDON, E.C., has FOR SALE the FOLLOWING MINING SHARES, free of commission:—

2 Bryn Gwiog, £29½.
2 Basset.
10 Bottle Hill.
20 Camborne Vean, 35 3d.
1 Condurrow.
3 Cook's Kitchen, £28½.
2 Combrian Gold, £1½.
2

M. E. BEAZLEY, MINING AND GENERAL BROKER,

1, BANK CHAMBERS, LOTHBURY, LONDON, E.C.

E. BEAKLEY recommends for Immediate Purchase, for Investment, North Roskear,
North Crofty, East Chiverton, North Pool, New Seton, East Seton, East Caru Brea,
and Union.

MR JOHN METHERELL, MINE SHARE DEALER, Mr. J. METHERELL, having been practically engaged in mining for the post 30 years, is enabled to give sound advice as to dealing in shares.

Telegraphic orders punctually attended to.

JAMES HUME, SHAREBROKER, 74, OLD BROAD STREET,

AMES HUME, SHAREBROKER, 74, OLD BROAD STREET,

20 North Roskear.

20 East Caradon, £41\(\frac{4}{2}\),

30 Roskearnowth (an offer 20 North Crofty, £5.

50 Tineroft.

Wanted).

30 Hume invariably returns to his clients the prices at which shares are bought or sold, subject to a small commission.

30 Hume invariably returns to his clients the prices at which shares are bought or sold, subject to a small commission.

43 Hume invariably returns to his clients the prices at which shares are bought or sold, subject to a small commission.

43 Hume invariably returns to his clients the prices at which shares are bought or sold, subject to a small commission.

45 Hume invariably returns to his clients the prices at which shares are bought with the greatest confidence by the public at £8\(\frac{1}{2}\) to £9. He can buy any part of 200 shares.

46 Westdoor, the adjoining property, ought also to be bought.

47 Bankers: London and Joint-stock Bank.

Bankers: London and Joint-stock Bank. JOSEPH GREGORY, STOCK AND SHAREBROKER, 2, HATTON COURT, THREADNEEDLE STREET, LONDON, E.C. Commission on purchase and sale of mining shares, 1½ per cont.

MR. D. STICKLAND, M.E., having had upwards of 40 years' mining experience in Cornwall, several years of which he has had the entire management of mines therein, enables him to GIVE ADVICE on MINES and their MANAGEMENT.

MANACEMENT.

D. STICKLAND begs to OFFER HIS SERVICES in BUYING and SELLING SHARES on advantageous terms for capitalists, who will do well to consult him, either by letter or personally, previous to their investing in mines now at work, or in schemes now being brought before the public. Good references given if required. Mines inspected and faithfully reported on.

His monthly "Circular" for March continues the difference between the Limited Liability and the Cost-book Systems. A selected list of mines forwarded on receipt of six postage stamps.

postage stamps.
5, Finsbury-street, Finsbury-square, London.

MR. GEORGE BUDGE, SHAREBROKER, No. 4, ROYAL EXCHANGE BUILDINGS, LONDON, E.C. (Established 16 years), has FOR EXCHANGE BUILDINGS, LONDON, E.C. (Established 16 years), has FOR SALE at nott prices:—20 East Caradon, £40%; 20 East Cara Brea, £8%; 7 North Boskear, £49%; 2 Stray Park; 20 North Downs, £216s. 3d.; 25 North Crofty, £47%; 50 East Russell, £5; 6 Great Fortune, £37%; 25 O.k.i Tor; 100 Garreg, 2s. 6d.; 1 Wheal Scion, £250; 50 East Rosswares; 3 Wendron, £16; 5 Caradon Consols, £19%; 20 Ludcott, £59%; 100 North Dolcoath, £24%; 5 West Caradon, £33½; 25 East Chiverton, £5½; 15 Theorit, £29%; 5 Crebor, £5z.; 25 Hlogan, 29s.; 150 Gawton, 13s.; 200 Molland, 3s.; 2 East Basset, £88½; 30 Kelly Bray; 100 East Grenville, £25%; 150 St. Day, 14s.; 100 Redmoor, 6s. 6d.; 50 Buller and Basset, 17s. 6d.; 50 Trake Moor, £3.; 100 New South Caradon, 14s. 9d.; 35 North Robert; 50 West Maria, 42s. 6d.; 161 Hawken, 161 New South Caradon, 14s. 9d.; 35 North Robert; 50 West Maria, 42s. 6d.; 161 Kenney, £5%; 100 New South Caradon, 14s. 9d.; 35 North Robert; 50 West Maria, 42s. 6d.; 161 Kenney, £5%; 100 New South Caradon, 14s. 9d.; 35 North Robert; 50 West Maria, 42s. 6d.; 161 Kenney, £5%; 1

E O R G E M O O R E,

I. CROWN COURT, THREADNEEDLE STREET.

In any business that Gronge Moore is favoured with, in which he is the buyer, he will give CASH ON RECEIFT OF TRANSFER.

George Moore has FOR SALE:

25 E. Carn Brea, 43 11 3. 25 East Russell, £t 13 9,
20 Wheal Ludcott, 636. (less for time on, much
20 East Caradon, 41%.) iess after that).

25 North Roskear, 48%. 25 North Dolcoath, 246. 5 Roskearnowth, 836.

Deep Leyel (23 3s. per share paid).—An Offer Wanted for 20 shares; immediate cash required to make up an amount.

WHEAL LUDCOTT.—Last year George Moore expressed his disbelled in the extraordicary statements made respecting this mine and WHEAL LUDCOTT.—Last year GEORGE MOORE expressed his disbelled in the extraordicary statements made respecting this mine, and ventured a modest comment upon them, which was received with a how'd findignation from the clacqueurs, gold-sharps, and guil-gropers. The notorious Capt. Soakings also gave a very favourable report, and, in fast, it only required the addition of the father of lies to have made it a family recommendation.

The adverse opinion given by Capt. Charles Thomas, of Dolcoath (the greatest miner in the world), is now being so literally faithlied, that GEORGE MOORE is determined to LUDCOTT TABLEY.

(Second edition at reduced prices.)

50 shares, payment and delivery six months on, £514.

50 shares, payment and delivery Lady-day, 1865, £314.

All dividends to be deducted, and all calls added to the price, and the shares to be taken and paid for, even in the event of the mine following the example of its celebrated neighbour, Wheal Wrey.

Good names will be wanted to the contracts, no duffing clacqueur, fluctuating between involvency partial and bankruptcy complete, will be taken.

GEORGE MOORE will back his own contracts with any part of £10,000.

Good names will be wanted to the contracts, no duffing clacquour, fluctuating between involvency partial and bankruptoy complete, will be taken.

Georose Moone will back his own contracts with any part of £10,000.

JAMES HERRON has FOR SALE the following SHARES, at the prices quoted, and FREE OF COMMISSION:—

A Alfred Consols (al cails 2) Marke Valley, 20 St. Just United. St. Just United. St. Just Content of the wanted. St. Just Condent of th

MESSRS. VIVIAN AND REYNOLDS, 68, OLD BROAD STREET, LONDON, E.C., MINING ENGINEERS, INSPECTORS of MINES, COMMISSION, and GENERAL AGENTS for the PURCHASE or SALE of MINE SHARES, RAILWAY, and EVERTY OTHER DESCRIPTION of STOCK.

Commission on share transactions 1% per cent. on £100 and above, and 2½ percent.

MR. EDWARD COOKE, SHAREBROKER,
75, OLD BROAD STREET, LONDON, E.C. Advice given on application or

M. R. C. POWELL, MINE SHAREBROKER, 2, ROYAL EXCHANGE AVENUE, LONDON, E.C. C. POWELL's office adjoins the Mining Exchange, and from his long experience in and thorough knowledge of the market, he is enabled to act promptly, and to the interest of his clients, on all orders with which he may be favoured, either by post or telegraph. Mines inspected and reported on by competent agents, and advice given as to what

es inspected and reported on by competent agents, and advice given as to what should be bought or sold.—Bankers: City Bank, Finch-lane.

M. BATTERS PUBLISHES a DAILY STOCK, SHARE, and MINING CIRCULAR contains particulars of all movements in Bullion, Foreign Exchanges, Consols, Foreign Stocks, Rati ways, Mines, &c., and can be had by his clients free, on application.—6, Cowper's-court, Birchin-lane, London, E.C.

5. Cowper's-

LLOGAN MINES.—Already discoveries of importance have been made. The locality is the best in England, being under the shadow of Carn Brea Hill. Management the same as Tincroft. Shares should be bought.

5, Cowper-court, Birchin-lane, London, E.C.

G. BATTERS.

RICHARD CLIFT, MINE SHAREDEALER, letters are to be addressed. WILLIAM SEWARD, MINING BROKER, STOCK AND SHAREDEALER, 31, THROGMORTON STREET, LONDON, E.C. (h)

OOD DIVIDENDS.—MESSRS. DAUNT AND CO., of 30, CLEMENT'S LANE, LOMBARD STREET, E.C., have ON SALE some FOREIGN GOVERNMENT BOXDS, yeelding 8 and 9 per cent, interest, payable hair-yearly, as punctually as on Consols, and are perfectly secure. Business transacted in the English Funds at 1-16th, Railways at 14, and Mines at 1 per cent.

A list of acfe investments forwarded (gratis) on application. Investors will be lautoned against spurious mines.

M ESSRS. WARD AND JACKMAN, STOCK AND SHAREBROKERS, 2, ADAM'S COURT, OLD BROAD STREET, AND MINING EXCHANGE, LONDON, E.C.

(E) TABLISHED TEN YEARS.)

TRANSACT BUSINESS in BRITISH AND FOREIGN MINING SHARES and OTHER SECURITIES at Closest prices, nett or on commission, but not being dealers TRANSACT BUSINESS IN BRITISH AND FOREIGN MINING SHARES and THER SECURITIES at closes prices, net to ron commission, but not being dealers oly execute orders confided to them.

Telegraphic messages to buy or sell shares of every description promptly executed for mediate cash, or the fortnightly settlements.

Commission, 1½ per cent. on all transactions.

March 20, 1863. Bankers: London and Westminster, Lothbury.

SALE OF MINING SHARES BY PUBLIC AUCTION.

SALE OF MINING SHARES BY PUBLIC AUCTION.

M. T. P. THOMAS AND SON'S NEXT SALE of MINING SHARES will be HELD at Garraway's Coffee-bouse, Change-alley, Cornhib, on THURSDAY, the 9th April, at One o'clock, when the following shares will be put up FOR SALE:

10 West Stray Park.

10 West Trevelyan.

10 West Trevelyan.

10 West Trevelyan.

10 Great Caradon.

10 Stray Park.

10 Stray Park.

10 Stray Park.

10 Stray Park.

10 West Stray Park, 50 North Minera, 89 Great Caradon, 25 Dyingwm, 50 Central Minera, 25 Cefn Clicen, 10 Pant-y-Pydew,

50 North Dolceath.
10 East Caradon.
5 Stray Park.
20 Carnewas.
20 Pollard.
18 Nanglies.
50 Crookhaven.

2 North Roskear.

10 Pant-y-Pydew.

10 Cronkhaven.

N.B.—Parties desirous of offering shares at this sale must please send their instructions to the office of the suctioneer, 2, Crown-court, Threadneedle-street, London, not later than the 2d of April.

T. P. THOMAS AND SON, having secured a very valuable sett, that can be worked at a very small outlay, are prepared to treat with a few respectable parties disposed to invest 500l. each in the same.

MR. T. E. W. THOMAS, MINING AGENT AND GENERAL MINING SHAREDEALER,
3, PINNER'S COURT, OLD BROAD STREET, LONDON; and
16, HACKINS HEY, LIVERPOOL.

16, HACKINS HEY, LIVERPOOL.

Mr. T. E. W. Thomas's pamphlet, containing particulars of a few of the leading mines, with his advice to speculators and investors for 1863, is now ready, and can be had post ree for six stamps.

MR. FRAS. G. LANE, MINING SHAREDEALER,
44. THREADNEEDLE STREET, LONDON, E.C.
Mr. F. G. LANE is a BUYER of the following shares at prices annexed, or a SELLER at a small advance:—
25 Ludcott, £6%.
26 Last Caradon, £4%.
26 Last Caradon, £4%.
27 Cook's Kitchen, £28%.
28 Wheal Edward, £3%.
29 Cook's Kitchen, £28%.
20 Cook's Kitchen, £28%.
20 Cook's London and County Bank.

WHEAL SETON, COPPER HILL, WHEAL TRELAWNY, CALVADNACK, WHEAL UNION, NORTH BASSET.

SOUTH WHEAL FRANCES. SOUTH TOLGUS. WHEAL MARGARET. SOUTH CARN BREA. EAST CHIVERTON. NORTH DOLCOATH.

MORTH BASSET.

MR. FREDK. W. MANSELL, of 75, OLD BROAD STREET, LONDON, strongly RECOMMENDS the IMMEDIATE PURCHASE of the ABOVE SHARES, at present market price.

Mr. Mansell is in possession of information respecting the whole of them, which leaves no doubt of a great advance in the price of each of the shares mentioned.

JAMES B. BRENCHLEY, 78, OLD BROAD STREET, E.C., MINING SHAREDEALER.
Bankers: London and Westminster.

FOR SAILE, EACH NETT.

1 Basset, £82½.
1 West Caradon, £84.
2 Grambler, £16.
100 Redmoor, 53, 3d.
100 East Scton, 8a, 6d.
1 Roskear and Roskear-nowth, £51½.
Apply to J. W. HUTCHINSON, Mining Exchange, Royal Exchange Avenue, London, E.C.

MESSRS. R. HORLEY AND CO., SWORN STOCK, SHARE, and MINING BROKERS, 45, CORNHILL, E.C. (late of 2, Royal Exchange-buildings), TRANSACT EVERY DESCRIPTION OF MINING BUSINESS, on commission only, and are in a position to obtain reliable information respecting all dividend and wrogressive mines.

rogressive mines.

N.B.—Messrs. HonLEY and Co. publish a Weekly Mining List, with theolosing prices
overy Wednesday, and will be most happy to forward the same (gratis) on application.

T. ROSEWARNE, 81, OLD BROAD STREET.

M. R. T. ROSEWARNE, 81, ULD S. M. Copper Hill, £84½.
Caradon United, £2%.
Conès Kitchen, £30.
East Cardon, £41½.
Conès Kitchen, £30.
East Cardon, £41½.
East Cardon, £5½.
East Cardon

Caradon United, £23, Drake Walls, £23, Cook's Kitchen, £80, East Carylis, £34, E. Gunnis Lake, 37s, 6d. East Carn Brea, £84, Fortunn, £54, And is a BUY £R of— East Basset, £53, North Robert, 19s, East Russell, £445, Providence, £414s.

Copper Hill, £80. Wheal Edward, £3%4 March 20, 1863,

West Tolgus, £66. Wheai Trelawny, £16%. St. Just United. Bankers: Bank of London.

South Grylls, Tincroft, £23. West Maria, £2½. Wheal Seton, £250. Wh. Harriett, £3 13a, 9d, Wheal Grenville, £5%. Wh. Edward, £3 18s, 9d. Wheal Crebor, 27s. Wendron Consols, £16%.

East Rosewarne, £35%. Wheai Margaret, £33%. West Rose Down, £13%. South Carn Brea, £3%.

JOHN RISLEY, 32. LOMBARD STREET, LONDON, E.C. SHARES in MINES BOUGHT and SOLD on commission, at 1½ per cent., for immediate cash.

Speculators should not lose sight of the following four mines, viz.:—Pendeen Consols, Condurrow, North Crofty, Copper Hill, all of which are confidently expected to improve

from 50 to 100 per cent. before the end of the year. Bankers: London and Westminster, Lothbury.

MR. G. D. SANDY, STOCK AND SHAREDEALER, 48,
THREADNEEDLE STREET, LONDON, E.C.
Daily price list may be had on application.

SOR SALE:

On SALE:

Daily price list may be had on application.

5 East Caradon, £10\(\frac{1}{2} \) & 5 East Russell, £5 1a. 3d.

20 East Cara Brea, £5\(\frac{1}{2} \).

10 North Crofty, £4 18a. 9d
10 North Crofty, £4 18a. 9d
11 East Basset, £5\(\frac{1}{2} \).

11 East Basset, £5\(\frac{1}{2} \).

12 East Basset, £5\(\frac{1}{2} \).

13 North Crofty, £4 18a. 9d
14 East Basset, £5\(\frac{1}{2} \).

15 North Basset, £4 8a. 9d
16 North Basset, £4 8a. 9d
17 North Crofty, £3 16a. 3d

17 North Crofty, £3 16a. 3d

18 North Basset, £5\(\frac{1}{2} \).

MINING CIRCULAR contains particulars of all movements in Bullion, Foreign Exchanges, Consols, Foreign Stocks, Railways, Mines, &c., and can be had by his clients free, on application.—6, Cowper's-court, Birchin-lane, London, E.C.

The R. BATTERS strongly recommends his friends to buy Tincroft of the street for money, and steadily advance in price.
6, Cowper's-court, Birchin-lane, London, E.C.

Openate Walls, £2\frac{1}{2}.

10 East Russell, £4\frac{1}{2}.

20 Drake Walls, £2\frac{1}{2}.

20 Drake Walls, £2\frac{1}{2}.

21 Do Track Walls, £2\frac{1}{2}.

22 Drake Walls, £2\frac{1}{2}.

23 St. LER of—
25 Drake Walls, £2\frac{1}{2}.

26 St. Day, [4s. 6d.
27 Wheal Harriett, £3\frac{1}{2}.

28 Stay Park, £3\frac{1}{2}.

29 Wheal Staton, £4\frac{1}{2}.

20 East Caradon, £4\frac{1}{2}.

21 Wheal Staton, £2\frac{1}{2}.

22 Wheal Staton, £2\frac{1}{2}.

23 Wheal Staton, £2\frac{1}{2}.

24 Wheal Staton, £2\frac{1}{2}.

25 Exchanges, Consolis, Foreign Stocks, Railways, Mines, &c., and can be had by his clients of Convention of Conventi

Shareholders and ap eculators in the above avert great tosses by taking a little "private" advice of George Ruce before operating.

EAST CARADON, EAST CARN BREA, AND NORTH ROSEEAR.—My clients who have acted upon my advice in these mines must have made enormous profits.

March 20, 1863. Bankors: Bank of London.

MR. THOS. THOMPSON, MINING OFFICES,
12, OLD JEWRY CHAMBERS, LONDON, E.C.
Mr. THOMPSON has the means of obtaining the very first information, and is fully capable of giving the best advice, either for investment or speculation.

LOANS ON MINING SHARES AT FIVE PER CENT.-Li Shareholders can have sums of not less than £100 advanced on East Caradon, Marke Valley, Devon Consols, North Reskkenr, North Crofity, Providence, and other bono fide indettakings.—Apply to E. Milland, Belsize-park, London, N. W.

R Y G O U L D S H A R P'S RAILWAY, BANKING, AND MINING CIRCULAR,

Should be CONSULTED by the PUBLIC before INVESTING. It contains reliable information and advice to capitalists, REPORTS on MINES, RECORD of MARKET PRICES, and is the only "SAFE GUIDE" for the investment of capital.

Established 10 years.

Offices, 32, Poultry, London, E.C.

NOTICE OF REMOVAL.—H. WADDINGTON desires his friends to ADDRESS all LETTERS and TELEGRAMS, after the 23rd inst., to 20, Throgmorton-street, instead of 74, Old Broad-street, as at present.

H. WadDRESS all LETTERS and TELEGRAMS, after the 23rd inst., to 20, Throgmorton-street, instead of 74, Old Broad-street, as a present.

H. WadDRESS all LETTERS and TELEGRAMS, after the 23rd inst., to 20, Throgmorton-street, instead of the 22rd instance of the 2

Original Correspondence.

COLLIERY ACCIDENTS, AND GOVERNMENT INSPECTORS

COLLIERY ACCIDENTS, AND GOVERNMENT INSPECTORS-Sir,—On reading the animadversions of the Colliery Guardian of the 14th inst., relative to the late explosion at Coxlodge Colliery, I beg to remark some important omissions of the evidence given are observable—viz., upon the subject of splitting the air.

My book (page 16, article 2) says—1. "The currents to be so arranged that no air from the goaves, or other parts of the mine making gas, shall come upon the naked lights of the workmen."

Article 3,—"In the arranging and splitting of such air-currents, care must be taken not to diminish the currents to such a degree as to render them unequal to the carrying away of the gas made in the working places, which is too frequently the case." And—

Article 5,—"Each main current (where doors are necessary) to be guarded by two at least, kept by separate trappers."

According to the evidence, the splitting of the air was managed by a single rolley-way door, not kept by a trapper. Blasting with guapowder was permitted where the pillars were working off, and the return air from this district was passed along the far rolley-way into the Gosforth district. Now, this practice was justified in Mr. Forster's evidence in this case, as also in that of Burnadon, where my book was ransacked in vain to find the principle of splitting the air condemned.

I beg to enclose a copy of a letter (the writer of which I do not know) delivered at my house by one of the colliers, whose name was signed, but which, for obvious reasons. I cancel, and it is only for the purpose of the

I beg to enclose a copy of a letter (the writer of which I do not know) delivered at my house by one of the colliers, whose name was signed, but which, for obvious reasons, I cancel, and it is only for the purpose of remarking that, unless the colliers can determine to aid the Inspector in these investigations, the law cannot be vindicated.

MATTHIAS DUNN. investigations, the law cannot be vi Newcastle-on-Tyne, March 17.

The letter contains expressions, on behalf of several colliers engaged at Coxlodge, or thanks to Mr. Dunn for his impartiality at the inquest, and of regret that the jury should have been deprived of evidence which it was the men's duty to give. The writer goe on to state that, as a ruie, the pitmen well know that to state unpleasant facts deprive them of the hope of promotion in the colliery. It appears that the colliers generally entertain the opinion that Mr. Dunn's views as to the cause of the explosion were perfectly correct, and that had the evidence agreed with truth, a different verdict would have resulted.]

COLLIERY VIEWERS AND COLLIERY INSPECTORS.

COLLIERY VIEWERS AND COLLIERY INSPECTORS.

SIR,—I much regret to see the attack upon the Government Inspector of Mines at Whitehaven, so speedily followed by another at the Coxlodge, and as one desirous of having the system of Government inspection carried on with as little inconvenience to the coal owners, and with as much advantage to the colliers as possible, I trust that not only Mr. T. E. Forster himself, but every colliery viewer in the country, will bear in mind the fact that the course he has adopted at Burradon, Whitehaven, and Coxlodge is calculated much to prejudice the public against the masters, and to drive legislators to make unnecessarily stringent enactments to secure safety in mines; for it will surely be admitted that if individual viewers are to be allowed to insult and put irrelevant questions to the representatives of the mines; for it will surely be admitted that if individual viewers are to be allowed to insult and put irrelevant questions to the representatives of the Government, power must be given to those attacked to maintain the dignity of their position, and the Government inspection of collieries may be come one of the most disagreeable and expensive nuisances with which the collowing will have to dee!

come one of the most disagreeable and expensive nuisances with which the coal owner will have to deal.

That Mr. Dunn is an old man I well know, and, perhaps, he is not so well able to go down pits now as he was 20 years since, but he is still an active man, and his great experience and the thorough practical nature of his recommendations, far more than compensate for his age, more especially as it must be considered that he is a gentleman that is by no means overbearing or exacting when he is met in a fair spirit. If Mr. T. E. Forster judges of the competence of an Inspector by the number of mines he visits in the year, I certainly do not agree with him, and I even go so far as to say that, except under exceptional circumstances, the less the Inspectors go down the pits the better. The colliers have now their delegates through whom information might be given to the Inspector of any defect in the pits, and if the Inspectors visit these pits only they will find their time fully occupied. It may be that Mr. Foster is seeking to ingratiate himself to the coal owners, in the hope of filling Mr. Dunn's place in the event of a vacancy occurring, but, much as the owners object to unnecessary interference, I am sure that as a body they would disdain to recommend a man who would be at all open to the charge of unfairly siding with the masters, and neglecting the welfare of the men. Let all the Inspectors be treated with the respect due to them, and in the event of their recommending anything that practical men would dispense with let the coal owners rely upon the Act, and they will find ample protection.

March 18.

COLLIERY WORKING IN SCOTLAND.

COLLIERY WORKING IN SCOTLAND.

SIR,—Oh the subject of "long wall v. pillar and room," allow me to give you our experience in this part of the world. We are at present working six different seams of coal, varying from 2 feet to 2 feet 6 in. in height. The roofs are of different strata, some being freestone, and others white shale or blaze. The seams with the worst roofs, and of the greatest height, have been wrought "stoop and room" until about two years and a half ago. At present, all the seams are being wrought on the "long wall" principle, with advantage both to employers and employees. For Mr. Naysmith's guidance in any trials he has made or may make, I might mention that we experienced more difficulty from prejudice and ignorance, than from natural causes. As to ventilation, since the change of system we have experienced great advantage. I have taken a very deep interest for some time past in the question of "long wall v. stoop and room." What I have brought before you are facts, and facts are stubborn things.

Stevenston, Ayrshire, March 12.

ROBERT FORRESTER, Jun.

PREVENTION OF ACCIDENTS IN COLLIERIES.

SIR,—Having seen and much approved of Mr. James Rae's procet the provention of accidents in collieries, I am induced to trouble you the provention of accidents in collieries, I am induced to trouble you with a few remarks thereon. I am the more induced to do so from the fact of a hostile letter having appeared in the Journal of last week. The objections of "G. F. C." are mainly based on the ground of expense, and there is no doubt that as compared with the cost of existing arrangements this objection has weight; but then the questions arise as to whether, in the long run, there would not be an actual saving, from the non-liability to derangement, which Mr. Rae's simple and substantial plans present, and whether the preservation of valuable lives resulting from their introduction would not far more than compensate for the first heavy outlay. It may be trusted that these considerations will not be lost sight of, because they are vital ones. Everyone acquainted with the modes of working the various collieries in existence in this country is aware that repairs and alterations of the apparatus used therein are continually required, and that consequently large sums are expended annually in making those repairs, &c. Mr. Rae's improved system of mining, on the contrary, would involve no such constantly recurring tax; once realised it would be permanent and inexpensive.

nent and inexpensive.

Possibly that gentleman, with a view to bringing the subject to a com mercial issue, may be induced to furnish your readers with an approximate estimate of the amount which the adoption of his inventions—say, at one of the best and most economically worked coal pits—would entail. Ther would be a satisfaction in publishing such a statement, and it would enable would be a satisfaction in publishing such a statement, and it would enable mining authorities to institute comparisons between their present annual and probable aggregate future expenditure. A simple arithmetical sum would decide then the entire question of pecuniary economy. Mr. Rae, we know, has promulgated his views with the single desire to obviate those dreadful catastrophies which fill the mining districts with widows and with orphans, and which are a reproach and a disgrace to the scientific community. Not one of the excellent points in his plans has he thought proper to protect by patent, although urged to do so in several instances by friends. It is as a benefactor rather than a speculator that he appears before the public, and it is in the interests of humanity that he invokes not only the attention of miners, but of legislators, to his words. It is but fair, thereattention of miners, but of legislators, to his words. It is but fair, therefore, that he should have a patient hearing, and his plans elaborate examination.—Royal Mint, March 19.

JOSEPH NEWTON. It is but fair, there

NEW PATENT BLASTING-POWDER.

NEW PATENT BLASTING-POWDER.

Sir.,—I was much pleased to read the very favourable opinion expressed in last week's Journal with regard to the new blasting-powder, an opinion which is fully confirmed by the fact that, at least in Cornwall and Devon, it has almost superseded the ordinary powder. I believe with you that no greater boon has for some time been conferred upon the miner than Messrs. Davey have conferred by introducing this powder; and, with the waterproof cartridge cases of Capt. Webb, and the safety-fuse, I think that the miners of Cornwall and Devon may congratulate themselves that blasting may now

be carried on with the greatest possible safety. I may take the opportunity, whilst referring to blasting-powder, to allude to that recently introduced by Messrs. Kellow and Short, who sent you a communication a few weeks since. The inventors of this powder claim as an advantage which it possesses a quality which all powder makers try to avoid—they say that the powder when lighted will not explode suddenly, but will burn away gradually. It is precisely in proportion to the rapidity of explosion after ignition that powder possesses power; and if a powder will burn as Messrs. Kellow and Short claim theirs will do, the miner might just as well, after he has drilled the hole, charge it with sawdust. A powder which is liable to explode when tamped, and which burns like tinder when ignited, is worthless for all practical purposes, yet these Messrs. Kellow and Short claim as advantages.

dle with the metallurgy of gold, in which it is evident he is not au fait"Ne sutor ultra crepidam."

Barmouth-road, by Dolgelly, March 16.

GOLD MINING IN MERIONETHSHIRE—No. II.

SIR.—An error inadvertently occurs in last week's Journal; it should he been stated that Mr. Mosheimer had received orders to erect thirty of his machines instead of three, as is mentioned. Before entering into full details, it may be well to remark that the gold-washer who had been to explode when tamped, and which burns like tinder when ignited, is worthless for all practical purposes, yet these Messrs. Kellow and Short claim theirs will do, the miner might just as well, after the way of gold production, has forwarded the result of a week's trial under most disadvantageous circumstances. I have seen and handled the gold; I confess the quantity has astonished me. Following my sug-

BRAZILIAN GOLD MINING.

Sir,—Once more referring to Capt. Treloar's report on Santa Anna, 1 eg permission to add, that during the first month Morro Velho was orked by the St. John del Rey Company its produce was more than two housand oitavas.—March 17.

H.

BRAZILIAN GOLD MINING.

Sin,—It is a strange fact, that while money here is almost a drug in the market, our countrymen, active, energetic, and speculative as they are should not have fixed their attention more particularly on the rich and prosperous empire of Brazil for a safe and profitable investment of their capital. The quotations alone of the value of the Brazilian Funds (and this may be said to be a most delicate and sensitive criterion), will inform capital. The quotations alone of the value of the Brazilian Funds (and this may be said to be a most delicate and sensitive criterion), will inform us that the empire of Brazil has enjoyed, and is still enjoying in secarity, a long-continued pacific and flourishing position, amid the warfare of the South American REPUBLICS, under the wise and judicious constitutional government of the present enlightened and liberal-minded Emperor, Don Pedro II. The laws are equitable, and without being too harsh, are amply sufficient for the mild and amiable inhabitants. We find in Brazil a country where life and property are more secure from personal violence, or from robbery by force, than in any other part of the world. I may cite in support of this, that very seldom more than three armed men are employed to escort amounts of from 30,000\(Lambda{L}\) to 40,000\(Lambda{L}\) worth of bullion; and that the diamond merchants travel to and from Rio de Janeiro, 20 to 25 days' journey into the interior, carrying enormous values, only accompanied by their servant on a mule with the baggage, yet a case of highway robbery of importance was never heard of in the province of Minas Geraes or in that of Rio de Janeiro. But, in our own country, we have seen bullion to a large amount actually robbed from the treasure-van of a railway train! to say nothing of garrotters, &c.

The empire of Brazil offers to the agriculturist and merchant, whether he be inclined to buy or to grow, tobacco, cotton, sugar, coffee, rice, or Indian corn (milho, or maize), and beans, advantages of every description both as regards richness of soil and variety of damp or dry, hot or cold, climates, embracing, as it does, a tract of land from near the equator to within the temperate zone. It is surprising that our cotton-planters had not fixed their eyes on this country for growing cotton to supply the present deficiency, as a climate and soil in every respect equal to, if not superior, to that of the Southern, or Secession States, can be found in the north of Brazi

rior, to that of the Southern, or Secession States, can be found in the north of Brazil; and the difference in the expense of freight alone, one would think, would have decided them to prefer Brazil to India for investments To the capitalist wishing to invest in mines, Brazil offers gold, silver copper, and iron; also gems, amethyst, and emeralds, and a little argentiferous lead, and under most favourable conditions. The mining laws o tierous lead, and under most favourable conditions. The mining laws of Brazil are especially favourable to the miner; the royalties on the produce never exceed 5 per cent.; there is plenty of water-power, and also splendid timber for mining purposes. The Emperor and his Government are desirous to foment, encourage, and support the adventurers who choose to risk their capital there, and offer them every facility, especially to Europeans, to whom, if well educated, the Emperor is very condescending. "Du reste," the Brazilians, in general, are a kind, polite, and hospitable people. In that country, owing to the indolent nature and gambling habits of the proprietors of estates, they are frequently obliged to sell, at a very cheap rate, gold and other mining properties of great value; and it is really singular that our energetic and enterprising miners have been so long without taking advantage of so tempting and safe an opportunity for investment. Silver exists in that country in large quantities, and is only waiting to be worked. I repeat, it is a strange fact that the English capitalists and miners have not diverted more of their capital and skill towards a country, where the gold is at least in paying quantities in nearly every lode or estate, if worked with capital and intelligence; and the lodes, at least, give encouraging results almost from the commencement, as witness Captain Treloar's report from Don Pedro North del Rey, where they took out 110 css. of gold the first month after taking possession. I say it is good to invest in miners where you can see the gold before your and it is Captain Treloar's report from Don Pedro North del Rey, where they tool out 110 ozs. of gold the first month after taking possession. I say it is good to invest in mines where you can see the gold before you; and it is certainly very strange that, instead of these solid speculations, our capitalists prefer to fritter away their money upon the poor mines in the Merioneth gold fields, of which I will venture to affirm that at the present moment there are not four which will yield practically 1 oz. of gold per ton from all the lode; and that the average of the remainder will not come up to 4 dwts, per ton of ore as it is taken from the lodes, which are small, and expensive to work (see my last letter). I wish this may prove a word of advice in time to some of your readers.

Dolgelly, March 16.**

GOLD MINING, AND METALLURGICAL MACHINERY.

GOLD MINING, AND METALLURGICAL MACHINERY.

Sir,—I have read with much pleasure Mr. W. M. Brown's interesting and intelligent letters respecting metallurgical machinery, and am glad to find at least one man who has entered fairly into the question in a practical and demonstrative spirit; he, at least, has given us details of what the machinery he refers to can do, giving data as to power, quantity, and cost, and pointing out their deficiencies and advantages. This is what practical men want, and a little discussion fairly carried on on this principle must prove beneficial to all of us.

Therefore, referring to Mr. Brown's letter, I will ask him to be good enough to explain what was the average value of the ore treated (or its content of gold per ton) in the Chilian mill, and what the average assay content of the tailings, or waste, was; for surely the ores must have been very rich to be able to cover such an enormous reduction cost as 20s. to 30s. per ton. I presume he means that the loss of mercury equalled 3 per cent. daily upon the amount of mercury employed in the Chilian mill, equal to nearly 1 lb. per ton. If I am wrong I hope he will correct me.

I coincide in toto with the last two paragraphs in his letter dated the 10th inst.; perhaps ere six months or so are over further trials in this neighbourhood will amply confirm his assertions.

For my part, I should not be surprised to see the day arrive when the mine owners in Merioneth will be content to take out the "crop" of the gold by a quick and cheap process, and that the auriferous residue will be concentrated "in transitu," and sold per assay to the Swansea or Bajillt smelters for gold, silver, copper, and lead. Will any of the smelters come forward to state what they will offer for finely-pounded residues (concentrated) which contain (say) 10 ozs. of gold, 25 ozs. of silver, 10 per cent. of copper, and 10 per cent. of lead, and highly sulphuretted with the state of the markets, or send the same privately to the mine

10 per cent. of copper, and 10 per cent. of lead, and highly sulphuretted with pyrites, &c.? Even if they would publish a scale of prices, variable with the state of the markets, or send the same privately to the mine owners or reduction officers of the mines here, then we should have a basis on which to calculate. It is both for their interests and for ours that they should do so; and I believe if it is practically carried out, this will prove to be the most reasonable, least extravagant, and, ultimately, more profitable plan than any other yet suggested, despite of patent machinery. Mr. G. Henwood, in his last, informs us that "tr had been found" that the gold was "so fine and subtle as not to be caught by the hide and blanket process adopted at the Cambrian Consols." I am entitled to ask Mr. G. Henwood how "it had been found that the gold was so fine," &c. Can he favour me with the results of any assays made of the recent tailings or waste stuff? or can he give me, or the public, the assay of all or any part of the ores recently treated at the Cambrian Consols by the concentrating process? If Mr. Henwood is not in possession of these facts, then I have a right to say that he has unfairly and unjustly taken upon himself to abuse a system with the merits of which he is unacquainted, or otherwise has wilfully chosen to ignore. He can hardly be aware of the percentage of the gold which we are saving. I challenge Mr. Henwood to produce to me a sample of poor ore (say 6 lbs.) from the Clogau Mine to contain not less than ½ oz. per ton per assay, in which I cannot distinguish metallic gold with the microscope, and even with the naked eye, after washing. Mr. G. Henwood had better stick to his mining and synonymous quartz and spar, and the similarity of abnormal conditions, and the minute atomic state of the gold, which I hope he understands better than I, and not med-

GOLD MINING IN MERIONETHSHIRE—No. II.

Sir,—An error inadvertently occurs in last week's Journal; it should have been stated that Mr. Mosheimer had received orders to erect thirty of his machines instead of three, as is mentioned. Before entering into full details, it may be well to remark that the gold-washer who had been placed beside the quasi Californian, so as to test the capabilities of each other in the way of gold production, has forwarded the result of a week's trial under most disadvantageons circumstances. I have seen and handled the gold; I confess the quantity has astonished me. Following my suggestion, he had not reduced the van to the mere "floran" (to use a term more significant than any other I am acquainted with, and which will be fully understood by miners), but has preserved a great proportion of the heavier material associated with the gold; these are comminuted iron pyrites, copper ore, and heavy spar, with mica; by these means the sample contains a large quantity of gold, absolutely dust; a large percentage of the precious metal is in grains about the size of half a grain of wheat, and very nearly of the same shape, bearing evident traces of travelling some considerable distance. As yet no assay has been made to prove the quantity procurable by such means, as a test of its being remunerative; the object appears rather to have been to prove the existence of veritable gold dust in the half of the river and in the alluvial derties adjects, to this tity procurable by such means, as a test of its being remunerative; the object appears rather to have been to prove the existence of veritable gold dust in the bed of the river and in the alluvial detritus adjacent; to this end nothing can be more conclusive or satisfactory. An ingenious contrivance is now constructing, and is nearly complete, by which large quantities of the auriferous "dirt" may be washed. If I am rightly informed, a vast amount of manual labour will be economised, should only one-half the pretensions of the promoters be realised; great indeed will be the consequences to Merionethshire; great indeed will be the gold produce of that county, for wherever trials have been made on the Mawddach, there has gold been detected; as before said, not only in the bed of the river. that county, for wherever trials have been made on the Mawddach, there has gold been detected; as before said, not only in the bed of the river, but in the alluvium. This fact I have altosed, I have also known tin to be found in the alluvium on the banks of the Carnon stream, Cornwall, amongst the rounded pebbles and detritus, at considerable distances and elevations above the recognised bed of the river; they appear to have been deposited in these positions long anterior to the now site of the rivers. I consider these cases to be analogous, indeed, in perfect consonance with most tin streams, therefore a fair inferential and presumptive argument exists in favour of the general distribution of the golden grains throughout the soil: should such prove the case, the quantity procurable is prodigious. most tin streams, therefore a fair inferential and presumptive argument exists in favour of the general distribution of the golden grains throughout the soil; should such prove the case, the quantity procurable is prodigious, capable of supplying almost an indefinite number of machines for an undefined number of years, even should an invasion of Chinese washers take place. The grant to the present lessees of the Crown extends for miles, and as the valley descends the plain opens to a considerable extent. Reasoning again from analogy, as at the Carnon stream, where the flats are found, and where the stream appears to have attained a comparatively quiescent state, the bulk, but not the largest lumps of metal have been found, as, for instance, below the village of Devoran. Should any of my readers feel interest enough in the matter, and bestow a glance at the map of Cornwall, a reference to the Carnon will suffice to illustrate my meaning. I have little doubt the flat ground below the Mawddach, near to Dolgelly, all contains debris highly charged with auriferous sand. At present the question, will it pay? seems, like the other gold projects, to mainly centre in the means of extraction. In the quartz mining it has been proved that Berdan's machine (confessedly imperfect) will make a certain character of rock remunerative, but in the gold washing no such laborious and expensive process will be required; the gold, in this case, is found in a metallic state, only requiring to be reduced in the usual manner with common flux, in suitable crucibles. I apprehend the operations by this method will be found far more successful, if carried out on a large scale, than by mere trivial assay. I have every confidence in the machine about to be applied, both from the description of the article, and from the well known mechanical and practical abilities of the inventor. I wait with some degree of anxiety the momentous question. I think I do not go too far to state that the present modus operandi—i.e., Californian washing—though it Wicklow, in Cornwall, in Cumberland, and other places where gold is known to have been procured in sparse quantities from remotest antiquity. For the sake of the labouring population, as well as for the general weal, I trust they who have taken the initiative, who have expended so much time and capital, they who have heeded not the ridicule of the foolish, the doubts of the over-cautious, and the oppression of petty tyranny, will in the end be rewarded. When I approached the subject at first, I confess if I had any predisposition it was a bias to the contrary. The idea of gold in England had been so thoroughly scouted, had been so drilled into my ears, as being unworthy of attention, that I had almost abandoned the hope of its ever again being in the ascendant. The facts I have witnessed, and which I attempt to describe, and for the reasons I humbly submit, are eminently favourable to a perfect solution of the question, have caused me to hesitate, nay, almost to become a convert to the belief that there is gold in England that will pay, and that in an abundant degree, with a moderate outlay.

[To be continued.]

George Henwood.

MINING MACHINERY-ENGLAND AND AUSTRALIA.

SIR,—Stamps have but one action, that of reduction, and we must consider them only upon this point; the treatment of the crushed stone afterwards must be considered separately. No other machinery will so quickly and cheaply reduce the quarts as the stamps, and as by far the larger number of mills in the colony are stamping-mills, a great amount of ingenuity has been displayed in improving this kind of machine. Our first model was the Cornish machine, but two radical defects in it soon pointed out the desirability, in fact necessity, of altering it. First, the leaky wooden patchwork coffer, or stamp-box, for the valuable nature of the metal we were dealing with, and the importance of preventing loss; and, secondly, the heavy expense of repairing this machinery where labour was so very high.

No one who has not had practical experience of the subtle way in which fine gold will descend through the crevices of the machinery and foundations can form any idea of what a serious loss this becomes. I have known hundreds of pounds worth of gold taken from the foundations. I have known a machine to be sold, and the gold found more than pay the price of the machine. When these facts became known it led to improvement upon improvement, till at last we were compelled to build our battery cof-SIR,-Stamps have but one action, that of reduction, and we must con-

of the machine. When these facts became known is led to improvement upon improvement, till at last we were compelled to build our battery coffers, or stamp-boxes, of one solid water-tight bottom. The advantage is very great, not only is all loss of gold prevented, but the dryness of the foundation gives solidity and permanency to the machinery—a matter of some difficulty when to the greatly vibrating framework the water had free access, and helped in the work of destruction. The portion of the bottom which has the most wear and tear upon it is also easily reasonable. which has the most wear and tear upon it is also easily renewed, and moreover, we found that the first cost was actually lower, for, though paying much more for materials, the saving in labour of erecting was so great that the total cost was less. The wooden lifts gave way to iron, and the best plan is to have them made with a square socket; into this a sump-head, with a wrought-iron shank, is tightly driven, surrounded with wood packing, and properly proportioned never fails. These two improvements are now so universally adopted that no mill erected on the Cornish old model, such as that at Clogau, would ever get a single ton of stone to crush from a miner. The lifts work in the angles, so that the guides can easily be advanced when their wear requires it, and the small wearing pieces are renewable. The whole of the foundations in timber are of that strength and solidity as to appear to the unpractised eye superfluous, but experience ing much more for materials, the saving in labour of erecting was so newable. The whole of the foundations in timber are of that strength and solidity as to appear to the unpractised eye superfluons, but experience proves in the colony how important it is that the foundation should be unaffected by the enormous vibration of the heavy stamps. The cams and tongues are also of such fashion as to be easily renewed when worn, and with no expensive fittings on them. The cam of cast-iron, the tongue faced with steel, and in some cases a packing of elastic material has been used with very good effect to break the shock of the cam upon the tongue; this is placed between the steel plate and the real tongue or lift.

A few years back an improvement was patented to obviate a supposed defect in the square heads—their uneven wear; without ascertaining whether this was practically damaging to the duty of the machine, inventors at the color of the square heads—their the explains that it was soon dis-

A few years back an improvement was presented in the square heads—their uneven wear; without ascertaining whether this was practically damaging to the duty of the machine, inventors set to work to remedy it with revolving stamps, but it was soon discovered that no more work was performed, in fact less, that a simple principle had become a very complicated one, and the wear and tear so heavy that the best mechanics speedily abandoned them. No other result could

have been anticipated. In the first place, the round shafts very rapidly wore loose, and left no means of setting the guides closer, so that the vibration became excessive. Next the discs, in consequence of the unequal motion of the outer and inner side, speedily cut to a level, and the cam in addition became destroyed. I have seen a machine in two months a complete wreck. It is altogether against the principle of construction of quartz machines that any portion of them requiring renewing should be enhanced in cost by engineers fittings; such toy machines may do for amateurs and for the workshop, but not for the diggings. I do not mean that the work should not be well done, on the contrary it should be the best possible, but it should be work that has to stand continued vibration of the severesk kind, and to work amongst the sharp cutting quartz grit. There are two növelties at Garth Gelt to which some portion of those remarks might apply—the disc works on the shaft, with a screw for raising or lowering the action of the stamp. It is, I think, nseless extravagance, and will certainly be speedily out of order. The shaft end also is turned taper, and the shaft is destroyed, and all the expensive fittings have to be renewed. Again, why put expensive fittings upon stamp-heads, which speedily wear out; they should leave the sand as they are to be used. Again, the fitting them proves that they are made of soft materials. If made as stamps should be made, of such metal as they are to be used. Again, the fitting them proves that they are made of soft materials. If made as stamps should be made, of such metal as they are to be used. Again, the fitting them proves that they are made of soft materials. If made as stamps should be made, of such metal as they use in Cornwall, no fittings could be put on them; and if the answer is that these heads are steel, I still doubt their hardness, for I never saw a steel head as hard as a Cornish stamp. The stamps occasionally work upon bars or grates, the crushed staff dropping throu

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crushing would be at 240 tons per week, with an allowance for oil, light, wear, and tear, loss of mercury, &c., under 1s. per ton, which includes the gathering of the gold.

It will be seen from this how cheaply stamps would do the work—in fact, nothing can touch the wet stamps for economy of reduction. It may be asked why with such an amazing discrepancy in the price of the work between the stamps and Chilian mills there should be a mill still at work? For the reason I have before stated: the Chilian mill is a perfect and complete instrument; the stamps simply reduce the stone. On these two points—the value of the Chilian mill and the cheapness of the stamps—the Australian miners are unanimous, but then comes the question of dealing with the crushed stone from the stamps and the separation of the gold, and there we have a wide diversity of opinion. Different kinds of stone require varied treatment, and scarcely any one process is applicable in all cases. One locality, influenced no doubt by the variety of stone it possesses, prefers one kind of machine; another shows it preference, under a similar influence, for another kind. Some mine, under the prestige of success from its richness, jogs on in the time-honoured service of some antiquated idea, impervious alike to reason or criticism. Some miners, too fond of innovation, try everything, until bewildered with the intricacy of their experiments yield it up in despair. These matters will, perhaps, be better left till I have explained the several methods of amalgamating and separating, with which I will commence my next.

W. M. Brown.

Park-road, Edmonton.

GOLD IN WALES.

Park-road, Edmonton.

GOLD IN WALES.

Sir,—Berdan, Britten, Brown, Calvert, Davies, Griffiths, Hopkins, Jones, Martin, Mitchell, Mosheimer, Parry, Pascoe, Reay, Roberts, Sloper, Williams, or any other man, as a gold extractor? That is the question. It matters not whom. He who can extract the most gold from a given quantity of mineral in the least time, and at the least cost, is the man now desired in and about Dolgelly.

I have written the above names in alphabetical order, to avoid any appearance of preference; and I hope I shall be pardoned if I hazard the opinion that if these gentlemen, or some of them, instead of attempting to pulverise one another, would stamp, or crush, or grind, or reduce 100 tons each of Welsh quartz, in fair and honest rivalry, this vexed question of gold extraction would approach a settlement at an early date.

It is quite certain that the secreted metal, so much coveted, will not be moved by any amount of indulgence in intemperate personalities, although a terrible lot of blasting is often necessary to obtain the raw material from its rocky fortress. This, however, is a very different thing.

To begin at the beginning. Let us consider what are the facts, both mineralogical and mechanical, as now observable in the Dolgelly district. Gold is found visible at Clogau (proper), West Clogau, Garthgell, Cambrian, Prince of Wales, Cae Mawr, Cefn Coch, Moel Offryn, Glasdu, Tyddynglwadis, Cwmheisian, Ganllwyd, the Dolfrwynogs, in the Mawdach River, and at another place, the name of which I have only heard. Many thousands at Dolfrwynog, several hundreds at Cwmheisian, a few hundreds at the Prince of Wales, and sundry pounds worth elsewhere.

Now, it appears to me, perhaps I am still "obstinately in error," that at several of these mines there is every probability of a profit upon working costs, provided two conditions are always present—namely, quantity of ore, easily raised, and available water-power, to work, with rare exceptions, at the least 50 tons per day. The modus operandi to be determ

Let us now trot over the district, and take a surface view of things doing and things contemplated.

SAINT DAVID, at Clogau, has led the way very prominently for a year and a half, and is taking a short nap—the big Berdan is cracked—and the little Britten is idle. They have earned their money, nevertheless, poor things, and ought to give over work at their age. 31,000l. worth of gold is very good saving work from 1300 tons of the lode-stuff as broken down. Rich gold is found in the 20 fm. level, and it is likely that, by-and-bye, much more may be obtained. Sixteen stamp-heads have been erected here to do 20 tons a day. What is to be done with the 20 tons per diem afterwards appeared to be the other day "one of those things which no fellow could find out." One of Mr. Mosheimer's machines is also erected on the mine, for the purpose, I believe, of working over again also erected on the mine, for the purpose, I believe, of working over again the Berdan tailings.
At the West Clogau (Llachfraith), six of Mr. Mosheimer's machines

At the Saint David's Mine (Caegwian), I infer from the excellent letter of Mr. Brown, in last week's Journal, that some adaptation of the Chilan mill will be used.

Chilian mill will be used.

At the Dolgelley Mine (Maesclawdd), adjoining West Clogau, the proprietors think "their strength is to sit still."

At the Prince of Wales Mine, in consequence of the failure of an Australian plan of stamping, washing, and amalgamating, tried there last year, the shareholders are resting on their oars.

At the Cambrian Mine, they have an array of practical men that put all other mines into the shade. Captain Martin, Mr. Reay, and Mr. Pascoe are known to be practical men. Here they are altering the machinery—I presume that the stamping and crushing process will be adopted here, as this is where Mr. Evan Hopkins "extracted three-fourths of the assay contents of stuff containing only 20, 30, and 40 grains of gold per ton from upwards of 60 tons." By this statement, Mr. Hopkins should have obtained nearly 2\frac{3}{2} ozs. of gold. Did he? A word on this statement infra.

At the Gartheell Mine a turbine, six or eight heads of stamps, and six of Moshelmer's machines have been erected in a very large shed.

At the East Clogau Mine there is no appearance of machinery.
At CEFN Coch (Berthllwydd) one of Mosheimer's quartz-crushers and
wo of his amalgamators are at work, getting, I am told, 1 dwt. of gold to

the cwt. of ore.

At Tyddynglwadis Mine stamps and rollers are at work, crushing lead ore for some new German machines, under the direction of Mr. Mosheimer.

At Cwmheisian Mr. Mitchell's grinder, and six of his amalgamators, are at work, under his own superintendence; and within a few yards of them stamps are being erected, and six of Mr. Mosheimer's amalgamators. This is, I think, the only instance of rivalry on the same spot.

At the Old Dolfewynog Mine they are preparing their water-wheel. At the United Dolfewynogs they are finding gold in the alluvial, and are waiting, I believe, to see who bears away the victor's palm as a gold extractor.

At the United Dolerwings they are finding gold in the alluvial, and are waiting, I believe, to see who bears away the victor's palm as a gold extractor.

In the Mawddach River men are finding gold, and one of them told me he, on one occasion, obtained \$\frac{1}{2}\$ oz. in three hours. This is probable, as he had a tobacco-box full of little nuggets. Here one of Mr. Sloper's machines will be tested shortly.

This, Sir, is an outline of what is proposed to be done in this district during the next few months. With what result remains to be seen. As to economy of reduction, nobody, I apprehend, expects a substitute for stamps. Their superiority is generally admitted; but, after stamps? there's the rub. The question is referred to the talent supra.

One word as to "the assay contents of stuff containing only 20, 30, or 40 grs. of gold per ton," of 60 tons of quartz, &c., at the Cambrian Mine, as stated by Mr. Evan Hopkins. I am not in the least interested in the Cambrian Mine, except mineralogically, and the means the company may adopt to extract gold; but, having spent some time and money in the examination of its minerals, I venture to affirm that 60 tons of the lode stuff at the Cambrian Mine cannot be found which does not contain more than a total of 1800 grs., Mr. Hopkins's average. Further, I am unable to comprehend how anybody can ascertain by assay the grains of gold per ton in a bulk of 60 tons, or even of 1 ton, unless the whole bulk be operated upon. I will go further, and say that if Mr. Hopkins can fairly sample 60 tons of gold ores at the Cambrian Mine, I will with pleasure forfeit as many guineas, if he will show me the way to do it.

I have been taught to make assays, and have made a good many. I have also read, so far as I know (and collected in sundry bulky volumes) all that has been published on the gold question, until its discovery in California; and I must frankly confess that I know of no method by which an approximate value of gold ores in bulk can be ascertained, and I am nearly as much in t

THE GOLD QUESTION.

THE GOLD QUESTION.

Sir,—Having received many communications lately respecting the gold of North Wales, and being at present too much engaged upon electrical metallurgy to notice even a percentage of them, I beg you will allow me space to answer the more important questions:—

"What proportion of the gold per assay can be obtained by the at present adopted machinery?" That will depend upon the nature of the ore; alluvial soil containing nuggetty gold ought all to be saved; quartz, with native gold finely disseminated in thin delicate plates, a small portion only; gold, chemically combined with the mineral, none will be obtained—that becomes a chemical and not a mechanical operation.

"Will the new stampers and hides be a boon to us in North Wales?" Although the time-honoured edge-runner may alternately change places with the stamp-head, yet they are both so ancient that I am quite unprepared to hear new applied to either of them, except in the Patent Office; and as to hides, the Indians adopted them some centuries back, and they are still used in places where the gold washing-stuff is so abundant that it matters little about washing it. I consider stamps no boon to North Wales, or anything else that tends to divert attention from the real object—the chemical treatment of its auriferous ores.

"Is amalgamation the proper mode of treatment?" Scarcely any of the gold ores of Wales are in a suitable state to come in contact with mercury without a previous treatment, too elaborate to enter upon in this letter. I propose to answer a few more questions next week.

MINING IN THE COUNTY OF CORK.

MINING IN THE COUNTY OF CORK.

MINING IN THE COUNTY OF CORK.

SIR,—The last two Journals have touched upon the improvement and discoveries recently made in some of the mines in the south-western part of this county. In my last contribution to your valuable Journal, some months since, after a tour through this district, I predicted that changes would take place of a highly important character. I traced these lodes from Crookhaven to Schull, Balydehob, and Roaring Water Mines. At Ballycummisk the test for obtaining copper ores in depth was decided; they had reached 106 fathoms, where the discovery was sufficient to satisfy the most sceptical, and this lode has been traced below 120 fms., and found to improve in depth. At the Cappagh Mine a discovery has just been made at 80 fms., which is pronounced a great success; and at Gurtavallig Mine they appear to have shared in the same good fortune, they having cut a rich bunch of copper ore. At Schull Bay Mines, where some of the richest purple and horse-fiesh ore has been produced, fine specimens of which were to be seen at the International Exhibition, are on their way to more solid riches. At Crookhaven, aftera long struggle, they have reached 70 to 80 fms., where the indications are so promising that no doubt can be entertained but that they are near a favourable change. At Roaring Water Mine, which appeared to me to exhibit extraordinary indications of success, they have cut into two lodes of great promise, bearing all the features of a permanent character; and, as there appears to be 19 lodes on this property, the new company should press on the works with all speed—they will have their reward.

This county, in my opinion, is destined to take a high stand amongst the mines of Ireland; it ofttimes reminds me of the Redrath and Camborne districts, in Cornwall, where surface operations tempt the miner to open the ground in search for that wealth which has so erriched her locality, and the speculator is drawn on by degrees, until he finds himself 70, 80, or 100 fms. below surface, when at last he b

TRAMWAYS IN THE METROPOLIS.

TRAMWAYS IN THE METROPOLIS.

SIR,—"Practical," in last week's Journal, would summarily dismiss an important undertaking in a few lines. He calculates the expense of the new tramway at 10,000,000%, though upon what ground he bases his opinion he does not condescend to inform us. I have been favoured by a perusal of a proof prospectus of the undertaking, and by it I perceive that a most eminent engineer in the city, in his report, estimates the cost at 575,000%, per mile. As the line is to be at least four miles in length, the figures of "Practical" are thus shown to be very wide of the mark. Perhaps "Practical" is unaware that the line is so blanned as not to interfere with any valuable property, while at the same timelt will afford the most direct route to the west end. It being intended to have footpaths on each side of the way, of course the frontages which will be scured to the company will become very valuable; and it is anticipated that the profits realised by the sale of these will render the capital nearly nominal. There can be little doubt that such will be the case, as a large profit must necessarily accrue from changing the poorest description of property to the highest. The convenience of the proposed line to everyone travelling to or from the City and the west end will be great, and there can be doubt that it will be extensively used. Takin githese facts into consideration, there is every prospect that it will eventually prove most incrative.

A difficulty was started as to the form of the rails, so as not to interfere with can yery easily be settled. It has been proposed to lay down

Meetings of Mining Companies.

NORTH LAXEY MINING COMPANY.

A special meeting of shareholders was held at the offices of the com-pany, Bishopsgate-street, on Monday,—Col. Bazaloette in the chair. Mr. J. H. Murchison (London manager) read the notice convening the neeting. The cash account, from January 20, 1862, to February 2, 1863, showed a balance in hand of 1054. 4s. The liabilities exceeded the assets

meeting. The cash account, from January 20, 1852, to February 2, 1853, showed a balance in hand of 1051. 4s. The liabilities exceeded the assets by 981. 5s. 7d.

The Manager having read a letter from Capt. Rowe, to the effect that the state of his health, and the boisterous weather, prevented him leaving the Island, submitted the following report:—

March 12.—My report to the directors, recently published, will have conveyed to you the extent of the mine's progress, together with the prospects which have been developed, and which I will now endeavour to review, after minute examination of the minutil intell last night, and after carefully studying the reports and proceedings of the meeting held about this time last year. At that date the mine, by means of the new engine-shaft, was sunk to the 38 fm. level, and the lode opened out southward about 7 fms., varying in value from 1 to 1½ ton of ore to the fm. Immediately afterwards the lode split into two parts, and as a result failed in one. Both parts for some distance gave promise of recovery, and made it difficult to decide which was the best and main part to follow. The eastern one, however, was proved to be the correct course, having recovered its strength, and being of late worth about 1 ton of ore to the fathom. In a winze, which we are here sinking about 4 fms. from the end, the lode is worth over 1 ton of ore per fm. The next work of importance since the general meeting referred to has been the sinking of the shaft beine the 3st and and sold during the year, and no man could fail to have been otherwise then struck, as it has been carried down, with the steady and decided improvement of the lode. At the 50 a new level is extended north 3 fms. in payable ore ground, and south 7 fms. through a lode worth from 1 to 2 tons per fm., the lode in the end being at this moment about 1 ft. wide, and worth 1 ton of ore to the fm. The driving in this level has passed the perpendicular of the point of split in the level above, without any sign of a similar recurrence; a

ignored capital expended, then I ever anticipated, but which I judge to be explainable from the greater comparative elevation of the mine than that of the Great Laxey—I am more than ever convinced that the North Laxey must make a first-class and profitable mine, and will, even at the rate of our present progress, become at ieast self-supporting at no distant period. We have now on hand 10 tols of dressed ors.—It. Nows.

The Chammar said it was much to be regretted that the shareholders were again disappointed in not having the presence of Capt. Rowe. He thought as they met but once a year that it was very destrable they should then have the opportunity of elicting from Capt. Rowe personally information upon any particular point, which, however, his absence precluded them from doing upon the present occasion. As regarded the mine, he thought, from the report just read, that they were justified in hoping that it would soon. The Maxaox, in answer to a question, stated that there had been called up on preference shares 944. 10s., leaving \$504. 10s. to call. With regard to the expenditure and returns of the past year, as compared with those of the year preceding; it had been stated in the notice convening the meeting that, while the expenditure for the twelve months are not meeting been thought that Captain Rowe might now be directed to increase the returns, so as to meet the costs.

The Maxaox ronsidered that it would be injudicious to interfere with the captain in the development of the mine; for by so doing they would remove the responsibility of the contract of the contrac

WHEAL EDWARD MINING COMPANY.

A general meeting of proprietors was held at the company's offices, Austinfriars, on Thursday,—Mr. J. Rowlands in the chair.
Mr. E. King (the secretary) having read the notice convening the meeting, the minutes of the last were read and confirmed. A statement of accounts was submitted, from which the following is condensed:—

-								
	Oct. mine cost, merchants' bills, &c	£537	11	2				
	Nov. ditto	540	8	6				
	Dec. ditto	560	9	3				
	Jan. ditto	587	12	1				
	New boiler	120	0	0				
	Copper ore, estimated last meeting	14	17	11=	£2360	18	11	
	Balance last audit	£251	17	8				
	Call received							
	Copper ore sold	1447	11	3				
	Income tax returned			6=	2126	6	1	

Leaving debit balance£244 12 10

The following report of the agent was then read :-

of any machinery, excepting a whim, &c. It will require sometime to extend the level and properly lay open this ore ground, to be worked with economy and profit, consequently it is rather premature to calculate on returns from this lose for the next few months, although I see no reason to doubt, with the same number of hands employed, to sample, bi-monthly, about 160 tons of ore of saual quality, and the working cost of the mine is about 660. Per month. There are employed on the mine, at surface and underground, 112 hands.—Groance Rowe.

Telegram: New lode worth 451, per fathom.

The Chariman said that he though his co-adventurers would agree with him in considering that the report just read was of a most satisfactory character. It was the more satisfactory because, taking the feat as a precedent, they could confidently rely upon every statement made by Capt. Rowe. There was no doubt that the discovery of the Phonix lode would prove of the greatest importance to this mine. For his own part, he fully believed that Wheal Edward would soon assume an important position.

The Secratary drew attention to the fact that Capt. Rowe, four months since, estimated the loss upon the four months' operations would be about 10001, exclusive of the cost of an aw boiler.

The CHARIMAN, in answer to a question, stated the returns, irrespective of the recent discovery, were estimated at 160 tons bi-monthly, which it was calculated would produce about 7501, or 8001.

The Securtary said it was a feature of some importance that the Wheal Arthur drivages were within 11 fins. of Wheal Edward boundary.

Mr. T. Rosswanks considered the 61 west as a point of the greatest importance. For some considerable distance the lode had been small, but it had now opened to 2 ft. or 3 feet, wide. It was to be romembered that it was in whole ground, and it might fairly be calculated that it was a new bunch of ore—the note of the federable importance, for le knew from practical experience that when the bearings of the lodes in that district were 15° or

rore. Eran't thought it would be premature at present to say how this new part of ould be worked; but, no doubt, a communication would be made with the mine. SEWARNE remarked that nothing but a horse-whim would be required, engine

and lifts being unnecessary.

Mr. M'Callan had fully expected, from the estimates made at the last meeting, to have seen a much larger debit balance than that shown by the accounts. But he thought, with the Chairman, that the most prudent course upon the present occasion, would be to make a call of 2s. 6d. per share, which, with the returns, would not only pay the costs of the current four months, but if the new lode continued as estimated, the accounts would show a good balance in hand.—A call of 2s. 6d. per share was made.

The committee of management were re-elected, with thanks for past services.

A vote of thanks to the Chairman terminated the proceedings.

GREAT WHEAL VOR UNITED MINING COMPANY.

The ordinary quarterly meeting of proprietors was held at the offices of the company, Gresham House, on Wednesday, Mr. George Noakes (the managing director) in the chair.

Mr. Truran having read the notice convening the meeting, the minutes of the last were read and confirmed. The accounts for the quarter (an abstract of which appeared in last week's Journal) were taken as read.

stract of which appeared in last week's Journal) were taken as read.

The Charman said he had, upon previous occasions, expressed his wish that a large number of shareholders would attend the general meetings, for, although he believed they gave the committee the credit of doing the best they could for the welfare of the andersaking, yet the committee would, upon these occasions, have great pleasure in meeting a larger number of their constituents, so that the committee might have the advantage of their opinion; for they all had but one object in view—the prosperity and success of the mine. He need not inform the meeting that in all mining undertaking there was a degree of uncertainty, but upon the present occasion he had to reiterate the opinion he had expressed for the past two years—that the mine presented all the indications necessary to justify them in hoping that Wheal Metal would prove itself a valuable property. The committee fail that the reports which they had issued to the shareholders during the past two years had been fully justified by realised results; and, although it was impossible to say how far or how near the time might be, yet he felt- and he was only echoing the sentiments of his co-committeemen—that the mine was gradually approaching a position of reunerative permanancy. (Hear, hear.) He then proceeded to read the report of the committee of management, which was as follows:—

holders during the past two years had been fully justified by realised results; and, although it was impossible to say how far or how near the time might be, yet he felt-and he was only echologithe sentiments of his co-committeemen—that the mine was gradually approaching a position of remunerative permanancy. (Hear, hear.) He then proceeded to read the report of the committee of management, which was as follows:—

The committee have the pleasure to state that Wheal Metal maintains its encouraging propects. The operations referred to at the last general meeting have been carried out with vigour. The development has been characterized by features of great geological interest. The numerous branches and divisions of the lodes which have prevailed in the 142 and 152 show indications of forming a junction in the lower levels, and the general development attengthens confidence in the permanent productiveness of the mine. The committee regret to state, however, that the western ground has not yet realised the hopeful anticipations which recent improvements had led them more immediately to expect; but as the ground is congenial, and as the winning of productive iodes in the long run of virgin ground west of Ivey's shaft would materially enhance the value of the property, the development of it will be continued with the utmost energy. Ivey's shaft has been brought down 5 fms. below the 132. The sinking of this shaft is essential for the development of the western, and to facilitate the working of the eastern, ground. The mine has been held thoroughly in fork all the whitey with the virging of the eastern, ground. The mine has been held thoroughly in fork all the working of the eastern, ground. The mine has been held thoroughly in fork all the working of the eastern, ground. The mine has been held thoroughly in fork all the working of the eastern, ground. The mine has been held thoroughly in fork all the working of the eastern, ground. The since will be the property of the lode of the lode, in the 162, continue provided t

The audited cash account, to Jan. 31 last, showed a balance in hand of ... £1717 6 7
Since which date there has been received—Tin sale, Feb. 14 ... 1868 5 0
Ditto, March 17 ... 2052 1 7
Old materials sold, &c ... 31 15 8

Balance (cash and bills).....£4209 9 4 | Talance (case and bills | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 1982 | 19

Balance in favour this day£2991 13 9 He next read the report of the agents, as follows:

He next read the report of the agents, as follows:—
March 16.—In the 100, driving west of Ivey's shait, the lode is about 2½ feet wide, but poor at present; there is a great deal of water flowing from it; the lode and strata show very good indications of improving again shortly; this is a very important level to continue, as it will be 40 fms. under all the old workings we have to the west, and we have no doubt but that we shail soon meet with productive ground again in this end, judging from the present cheracter of the lode. In the 115, driving west of twey's shaft, the lode is from 1½ to 2 feet wide, and looks very promising, but poor at present; we expected about this time to cut in this level the bunch of sin that is gone down in the bottom of the 100, but if the bunch of the dian improved within the week. In the 132, driving west of Ivey's shaft, the lode is about 1 foot wide, and poor for minerals. Ivey's shaft is sunk about 5 fms. below the 132; the ground is very hard for

sinking, and the lode is 1½ foot wide, and poor for mineral; we expect a change in this shaft shortly, as the stratum is not of the same character as generally found throughout the mine. In the 162, driving west of Metal shaft, on the south part of the lode, the lode is very small at present, we had a fathom or two driven on this lode worth more than 501, per fm; we are of opinion that there is a part of the lode standing north, and we have commenced a cross-out to try to intersect it. In the 162, driving east of Metal shaft, on the north part of the lode, the lode is 3 feet wide, very wet, and worth 601, per fm. In the 162, driving west of Metal shaft, on the north part of the lode, the lode is 3 feet wide, and worth 451, per fm. In the rise in back of the 162, on the north lode, the lode is 3 feet wide, and worth 561, per fm. In the rise in back of the 162, on the north lode, the lode is 3 feet wide, and worth 562, per fm.; this lode has yielded very well since we have cut it, and shows good indications for continuing for some time. Metal shaft is suck 12 fms, below the 162, and we have driven a level north 3 fms, for the purpose of intersecting the north lode; we expect to cut it in the course of sext month, and from the congenial strata, we have not much doubt of cutting the lode as productive as we have it in the level above; the ground in the cross-cut shows very good indications. In the words sinking bolow the 182, east of Metal shaft, on the north lode, the lode is 4 feet wide, and worth 264, per fm. In the 152, east of Metal shaft, on the north lode, the lode is 4 feet wide, and no lost very promising to improve shortly, but it is poor at present. In the 152, driving north-west of Metal shaft, on the cross-course, we expected to cut the lode before this, but the ground being very hard and wet we have not been able to make much progress in driving, we expect that we have from 10 feet to 2 fms, further to drive before we intersect the lode. In the stopes in the back of the 152, west of Metal shaft, the a

of Metal shaft, the average value is about 25t. per fm. Our tribute department is looking much the same as it has for some months past. All our machinery throughout the mine is in very good repair, and working well.—T. Gill., F. Francis, S. Hannis.

The Chairman continued: From these reports he thought there could be but one opinion—that the mine was gradually improving, both in its position and prespects. Apart from this, the mine, in its present stage, presented features of the most interesting importance; so much so, that he believed in the county of Cornwall—where the mine was not, perhaps, some time ago regarded with that degree of interest which it was entitled to receive—it was now attracting attention, showing that the mine was assuming a favourable position. And it had not only attracted the attention of those interested in mines generally, but also the attention of sclentific geologists, from some of whom he had received communications to the effect that they were much struck with the main reatures of the mine. Whether the opinion entertained by those gentlemen, would prove be correct or otherwise he could not say, but he might mention that the result they and included the surface of the surf

1862, having been examined and audited, be passed and anowed, and that the reports now presented be received, printed, and circulated among the shareholders.

The committee of management were re-elected, and Mr. G. Noakes was re-appointed managing director.

The CHALIMAN thanked the meeting for this renewed mark of their confidence, and assured them that he had the interest of the mine at heart, and that nothing would give him greater pleasure than the permanent prosperity of Great Wheal Yor. (Hear, hear.) So long as the shareholders accorded to him their confidence, so long would he devote him best attention to the interests of the undertaking. He might mention that the members of the committee worked in perfect harmony. Each had a large interest in the success of the mine, and each exerted himself to the utmost to bring about the most desirable results. They had the advantage of one of the members near the mine, whose superfor practical intelligence was of great usefulness; indeed, he might say it was of great advantage to the interests of the mine. For Mr. Husband was ready on all emergencies to lend him (the Chairman) his valuable aid.

Mr. W. Moates (public accountant) was re-appointed auditor.

Mr. C. TRUEMAN though the present meeting could not separate without according to the Chairman its best thanks for the zeal and ability he at all times brought to bear in the promotion of the best interests of the undertaking. Although there was no doubt they had an efficient working committee, yet the larger portion of the labour and anxiety must necessarily devolve upon their worthy Chairman. He concluded by moving that the best thanks of the meeting be given to Mr. Noakes, the Chairman, and to the committee, for the satisfactory manner in which they continued to discharge their respective duties.

Mr. Bunow having seconded the proposition, it was put and carried unanimously.

ive duits.

Mr. Binov having seconded the proposition, it was put and carried unanimously.

The Chanman having appropriately acknowledged the compliment, the proceeding

EAST WHEAL AGAR MINING COMPANY.

A meeting of shareholders was held at the mine, on Friday, Mr. W. J. Dunsford in the chair.

Mr. W. J. Dunsford in the chair.

The notice convening the meeting having been read,

The Chairman submitted a statement of the accounts to the end of Feb.
last, showing a debit balance of 4441. 4s. 8d., to which must be added

5871. for the new engine and boiler, making a total of 10311. 4s. 8d. against the adventurers. He (the Chairman) said the accounts would fully explain themselves, but if
any shareholder wished information respecting them he should be happy to furnish it.

Capt. Hext said he had gone into the accounts, and was exceedingly well pleased with
the financial position of the mine. He was one of the oldest shareholders in the mine,
and he was to-day more than ever convinced that a little time only was required to
make East Agar rank with the best mine in the Caradon district. He had much pleasure in proposing that the accounts be passed, and that a call of 36s. per share be made,
Mr. Collins said be was also a very old shareholder in the mine, and was much pleased
with the ore coming from the 15, and he really believed that ore long the shareholders
would meet under much better circumstances than the present. He had much pleasure
in seconding the proposition of Captain Hext, that a call of 30s, per share be made.
Carried unantimously.

round meet under much better circumstances than the present. He had much pleasure in seconding the proposition of Captain Hext, that a call of 30s, per share be made. Carried unanimously.

Mr. Phron (the manager) then read the report of the mine. He said he always entertained a high opinion of East Agar, and by continuing the present mode of working he had no doubt they would ere long be well pleased with the result. The ore coming from the 15 was of precisely the same character as what they had in the same lode in the adjoining mine of South Caradon. He intended sinking the shaft to the 30, and then put out cross-cuts north and south to cut the rich lodes of South and West Caradon. He calculated that the shaft would be down to the 30 in about six months time; they should employ nine men, who would relieve underground. The shareholders might, therefore, rest assured that no time would be lost in accomplishing the very important objects before them. They had about 24 fathoms to drive in the 15 to reach the winze such below the addt, which was down 11 fathoms; the water, however, being in the winze, compelled them to suspend it, and therefore they should push on the 15 with all speed in order to communicate the winze with that level, after which they should put out a cross-cut to reach the cross-course, near which the West Caradon lodes made their riches.

In answer to a question, Mr. Payon said there were five or six lodes to be intersected when they reached the 30 fm. level.

On the proposition of the Rev. Mr. KENDALL, seconded by Mr. Whight, a vote of thanks was passed to the Chairman and the manager, which being replied to, the meeting separated.

The meeting was well represented by the Bodmin and other local shareholders, who vere highly pleased with their visit to the mine.

NORTH ROSKEAR MINING COMPANY.

A general meeting of shareholders was held at the account-house, on the mine, on March 12,—Mr. T. W. Field (the purser) in the chair.

The notice convening the meeting having been read, the minutes of the last were read and confirmed.

The accounts for the two months (as stated in last week's Journal)

The accounts for the two months (as stated in last week's Journal) showed a profit of 1871, 18s. 2d. The agenta' report was read.

The accounts having been passed and allowed,
Mr. G. Bartens submitted the resolution of which he had given notice at the previous meeting—"That the western part of this sett be worked as a new mine, under the name of Roskearnoweth, to be divided into 700 shares, and allotted to the present holders in this mine share for share." Since he (Mr. Batters) gave that notice of motion its object of Roskearnoweth, to be divided into 700 shares, and allotted to the present holders in this mine share for share. Since he (Mr. Batters) gave that notice of motion its object had become the more imperative, inasmuch as the lords were pressing to have the western ground explored, having even threatened to revoke the lease if explorations were not forthwith commenced. During a conversation he had recently had with Capt. Vivian he had secretained that in clearing up the adit near Parkenbower shaft, and in distilling the ground with the view of obtaining all the information necessary to report to the meeting the grounds upon which he recommended the western portion of the sett to be vigorously worked, the North Roskear main lode was standing whole and untouched, although there was an extent of ground of something like 300 fms.; and, furthermore, that at the depth of 70 fms., according to the underlie of the lode where seen, this important lode would be intersected by a cross-cut of about 6 fms. in length. The catting North Roskear main lode at a depth of 70 fms., in virgin ground, and by means of so short a cross-cut, was, per se, of sufficient importance to justify a vigorous prosecution of the western ground. Mines possessing not half the chances of this piece of virgin ground were at the present time selling in the market for more than the entirety of North Roskear. He concluded by moving the resolution of which he had given notice. Mr. J. S. Bickroup had much pleasure in seconding the resolution. A circumstance, calculated to throw great light upon the western ground was the cutting of the lode in the Crane Mine, which lode passed through Roskcarnoweth.

Capt. Vivian was pid and carried unantmously.

A discussion ensued as to the desirability of adopting a more spirited development of their extensive tin property, known as the Wheal Croxy part of the sett.

A discussion ensued as to the desirability of adopting a more spirited development of their extensive tiln property, known as the Wheal Crofty part of the sett.

Capt. Vivian explained that in this part of North Roskear there was a large amount of tin ground aiready opened, exceeding 50,000?. in monor value. The lode was large, being more than 20 ft. wide, producing low quality tinstuff. But in driving the 140 an improvement had recently taken place, the presentend being worth from 50% to 33%, per fathom. From this great iode very little ground had been taken away between the 120 and the 140; and when it was recollected that the shaft had been sunk and the lode cut-at the 160, it would be seen that there was a considerable reserve of tin ground.

Upon the proposition of Mr. G. Barrens, seconded by Mr. E. R. Daovs, it was resolved that Messrs. Bickford, Patherick, Capt. W. Thomas, jun., with the purser and

manager, be appointed a committee to confer with the lord's agents for the determination of the boundary

manager, he appointed a committee to confer with the local a seem-engine and stamps upon it he bouldary.

A discussion ensued upon the propriety of erecting a steam-engine and stamps upon the old mine. The present returns of the are from 20 to 25 tons bi-monthly; but it is expected that, when the stamps are at work, the returns will be increased to something like 50 tons bi-monthly, with a comparatively small increase in the dressing department. Mr. Biscroud highly approved of the erection of steam-stamps. The present market value of the shares, without this essential step, might be considered but a sort of fancy price; but now that the mine was to be worked with apirit the shares would, probably, be much cheaper at 1007, than they had hitherto been at 607, per share.

Upon the proposition of Mr. BATTERR, seconded by Mr. BICEFORD, it was resolved that a steam-stamps should be creted at Wheal Crofty, and that the committee be requested to procure a suitable engine for the purpose.

A vote of thanks to the Chairman terminated the proceedings.

GREAT MOELWYN SLATE COMPANY.

The annual general meeting of proprietors was held at the company's offices, Copthall-court, Throgmorton-street, on Wednesday,
Mr. R. B. Ottley in the chair.

The notice convenies the restrict was relied to the chair.

The annual general meeting of proprietors was held at the company's offices, Copthall-court, Throgmorton-street, on Wednesday,

Mr. R. B. Ottley in the chair.

The notice convening the meeting was read.

The report of the directors stated that at the last annual meeting a series of tunnels were being driven along the whole face of the vein from top to bottom. This has been a tedious and expensive matter, and owing to the existence of a wedge of hard slate intervening between the roof and the regular vein, the tunnels have had to be driven much further than anticipated. This, however, is only with regard to the four upper ones. In the lower galleries which have been opered up the slate is everything which can be desired, and a large portion has been uncovered, from which slates are now being manufactured, so far as the small amount of machinery at present at command will allow, and in the course of three months sufficient rock will be laid bare to manufacture at least 25 tons per diem from this portion alone. Since last year the engineer having reported that the north vein (that is the vein of slate existing in the new grant obtained from the Crown) contained an immense body of the very finest slate, and at the same time offered many great facilities for working, operations were commenced on it, and the results obtained have been of the most satisfactory kind, so much so that it may be said to possess in this portion of the property an additional and independent quarry of state, equal to any in the district, of unlimited extent, easily oppend, and cappable of being worked in common with and by the same machinery, inclines, and appliances as the south vein, or original quarry. Fine slate slabs are now being obtained, and the whole in will work the single quarry distacts, and an expensive the slate from the quarries to the raliway, and although the negociations were seriously protracted, thereby proventing the commencent of operations, revertheless the whole of these inclines have since been made, comprising a len

board had hoped that before the present meeting the whole of the machinery would have been erected, and that they could have informed the shareholders that the manufacture of slate was in full operation; unfortunately the circumstances previously mentioned, delayed this desired result for another was are during the earlier where months, have delayed this desired result for another was are foring the earlier where months, have delayed this desired result for another was the full that the state of the 50,000 cl. capital 30,000 h, had been called up, of which sum 7007 t, was in arrear. The cash at bankers amounted to 3009/18s. 3d.

The Cuannaxa said be would, in the first place, make a few explanatory remarks with regard to the accounts. The balance-sheet presented to the proprietors showed the amount of capital called up, and the amount that had been expended; the reason that no profit and loss account was presented was obvious—that no profit and its account was presented was obvious—than to profit and as yet been the hadden of the bankers amounting to 12102, from which had to be deducted 20%, that sum the hands of the bankers amounting to 12102, from which had to be deducted 20%, that sum the hands of the bankers amounting to 12102, from the bankers amounting to 12103, received as increase in that time of 400. From that, however, had to be deducted 20%, that sum the state of the state of

The Chariman, in answer to a question, stated that the company had secured sufficient ground upon which to construct a small wharf, which, according to the contractors' estimates, would cost about 11001.

Mr. Histop presumed that in about two months hence slate manufacturing would be commenced.—Dr. Thountiwatts said that already as many slates were being made as the hand-machinery was capable of working; but it could not be brought to market until the whole of the inclines were completed.

Mr. Phillips enquired if the directors had made any calculation as to the amount of call that would be required during the current year, for seeing they would soon be sending slates to market, he thought shareholders might expect that the calls this year would not be so heavy as they had been last year?

The Chariman said there were many heavy works going on, the cost of which had to be met. The directors had very carciulty considered this question, and were of opinion that if, per share would be required from shareholders during the current year. That, after paying the whole of the debts, would leave a working capital of about 30001.

A SHARHHOLDER drew attention to the arrears of call, being rather a heavy item. The Chariman expendence had a substantial to the shareholders in the directors considered satisfactory. There were very few of the shareholders in arrear from the one call, and as long as the amount of arrear fid not exceed the value of the shares in the market, the directors did not think it necessary to take any action.

Mr. GUYON thought there was some cartainty in the statement that slates would probably be sent to market in about two months, and that calls would be made during the current year to the extent of 11. per share.

The Chariman reminded the hon, proprietor that a large amount of floating capital would be required, and that the calls would be named during the current year to the extent of 11. per share.

The Chariman reminded the hon, proprietor that a large amount of floating capital would be require

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creas the rofit and work, to as econogequired.

The state of the Victorian gold fields is really so flat, stale, and unprofitable, that I am constrained to enliven my monthly report by giving some account of the highly prosperous condition of THE NEW ZEALAND GOLD FIELDS.—The first wool ship of the season (Witch of the Sea) has sailed from Otago direct to London, and carries the first shipment of gold for this year, amounting to 21,650 csz., valued at 86,6004. During the past two months discoveries of new gold fields have been made in rapid succession, and the nearer the prospectors approach the west coast the heavier appear to be the finds. Some short time since I reported the discovery of the Dunstan gold field, and the large quantity of 140 bs. weight of gold being obtained by our men in two or three weeks. Since then the shore surrounding Lake Wakatipa is found to be highly auriferous, and the Rivers Arrow and Shotover are making fabulous geturns. Thence followed Lakes Wanaka and Hawes, with all their tributary streams; and, on the west coast, the River Tera Makau, some 200 miles due north of Dunedin, is reported rich in its golden treasure, one Capt. Dixon having claimed the reward of 1000, offered by the Government for the discovery of a gold field on the west coast. Mr. Vincent Pyte, formerly a member of the Victorian Government, has been appointed Secretary to the New Zealand gold fields department, and has been on a tour of inspection to the western gold fields, and in his report embodies the following observations:—Mr. Pyke reports the difficulties he experienced in reaching the Lake district to be very great. He says that the track is frightful, and very dangerous. The rivers are confined between nearly perpendicular cliffs; some of them, over 500 feet high, are almost impassable, and we had to climb up the steep faces of the hills on our hands and feet, and to grope along the edges of landslips, with a clear fall of 80 feet to the rock below, where a falle step would be destruction, holding on, meanwhile, by tuffs of grass, or such frail twigs as

Copper, 7327 cwts.

33,500 0 0

Total

ADELAIDE, JAN. 26.—COPPER: There has been no alteration this month, 91t. per ton being the price demanded for Burra copper. Burra Burra shares, 96. Coals: We have had a perfect fleet of colliers from Newcastle, N.S.W., and prices have given way considerably. There are not many English in the market.

METALE: Wire continues to maintain its value. There is nothing else to notice. OLLS: Camphine gets dearer month by month. Burning and paint oils maintain their value.

AUSTRALIAN MINES.

AUSTRALIAN MINES.

YUDANAMUTANA COPPER.—The superintendent (January 26) states:—
"The reports from the mine continue highly satisfactory. At the Yudanamutana an important discovery has just been made, on section 135 a, of a splendid lode of malachite and red oxide, which promises to surpass all other workings. From it they have sent down a block of malachite weighing over 50 ibs. I have had it cut in halves, one of which I forward to you, the other is retained here. The bills of lading, per Sea Snake, cannot be had in time from this mail; she will take over 200 tons. I have engaged a further lot, per Jadus, of from 100 to 200 tons, at a freight of 7s. 6d. per ton; the bills of lading for both of which will go forward by next mail.

"By this mail I of ward you a report from a Mr. Austin, a very respectable man, and totally disinterested in every way with any mining properties in the colony. He is brother-in-law to Mr. Alexander Eider, of your city. He has been paying a visit of inspection to all the mines in the colony, for the purpose of publishing a work on the same, and I believe him to be perfectly competent to the task he has undertaken, as well as strictly conacientious and straightforward in all proceedings. When I heard he had returned I made application for a report upon all the Yudanamutana Company's properties, being anxious to obtain and lay before the directors all the information I can, particularly from parties totally free from influence of any kind. That report I now forward you, and I need not say that it is to me most gratifying, as it substantiates everything that has been said or written of the properties."

Adelaide, Jan. 1.—In compliance with your request, I have much pleasure in hand-

mercal a manifestime is that effects, which having term seconded by Mr. C. Walka, well produced to the control of the control

as the relation of the present winze. There is every prospect of cutting ore in this piece of ground, as the ore is dipping south in the 43."

PORT PHILIP AND COLONIAL GOLD.—The quantity of quartz crushed during December was 2780 tons, or an average of 595 tons per week, yielding 1619 ozs. 12 dwts. 4 grs. of gold, or an average of 11 dwts. 15 grs. per ton. The receipts on Clumes account were 2718/1.2s. dd.; paymonts, 1850/1.1s. 8d.; profit, 837L.1s. 8d. The older of fire-wood. The quantity of quartz crushed during the month has been a fair average, but the yield has diminished, being 2 dwts. less than last month, and I regret to say that the current month will show a further diministion in this respect. We can only account for it by believing that the Clanes Company are in some poorer bands of quartz than usual, which they will doubtiess soon got out of, as they have done before.—Machinery: The stamps continue in good working order since the general repair: the new large pumps have continued at work without interruption since the stoppage reported in my last feiter, and I think will give us every satisfaction.—Jine: There has been little change in the appearance of the mining works during the last month. The shaft is now stopped sinking, and they are opening out the cluster-plat in the 74 crosscut. These have to be cut out in the soil quartz, and the work goes on slowly. A remittance of 500f. has been received by this mail.

WORTHING.—Expenses for the month, 1325f. 5s. 3d.; copper shipped by the Murray 34 tons, including the 20 tons advised inst month: 22 tons of copper were also shipped by the Verulam, against which the colonial committee had drawn 1600f. The lode in the bottom of the engine-shaft was 3 feet wide, yielding 5 tons of rich yellow ore to the fathom. The colonial committee expected that as soon as the driving of the 43 fm. level got under the ore in the 33 fm. level large returns would be made. The stopes in the 23 and 33 continued to hold good. Ore raised in the month 125 tons, of the usual avera

wood-cutters and carters.

FORTUNE COPPER (Western Australia).—Capt. Lorey reports:—"All underground departments same as last report; this being a broken month we have been forking the water from the 20 to the 30. The water is now at the back of the 30. We have not drawn all the cre to surface that has been broken this month; having but a one-horse whim, we keep it employed as much as possible drawing water. We have foresed this month 20 tons lead ore and 20 tons copper ore, and have forwarded to Champion Bay 30 tons lead ore and 12 tons of copper ore, and have forwarded to Champion Bay 30 tons lead ore and 20 tons lead ore shipped per African, which is a many creater of the company have received bills and the company have received bills are considered as a company of the company have received bills are considered as a company of the company have received bills are considered as a company of the company have received bills are considered as a company of the company have received bills as a company of the company have received bills are company to the company have received bills as a company of the company have received bills as a company of the company have received bills are company to the company have received bills are company to the company have received bills and the company have received bills are company to the company have received bills are company to the company of the company to the company of the re fully insured.

orea are fully insured.

KAPUNDA.—The quantity of ore raised in November on weight and assay amounted to 305 tons, of 15½ per cent. average produce, equal to 47½ tons pure copper and the quantity raised in December was estimated at about 250 tons. Since the date of the last advices 16 tons copper had been shipped per Murray to Loudon. Freigh for a further shipment of 50 to 60 tons of copper had been engaged by the Ferulam, bu an accident in the refinery had caused a temporary delay in the smelting operations.

ENGLISH AND AUSTRALIAN COPPER.—The quantity of coal at the Port works was 1066 tons, at Kapunda 1239 tons, at Kooringa 460 tons, and aftest 3086 tons, besides 3080 tons of wood at Kooringa. There were four furnaces and one refinery at work at the Port works, and three furnaces and one refinery at Kooringa. The company's horses and males were in excellent condition. Shipments of copper, both to India and England, had been made since date of last advices.

England, had been made since date of last advices.

SCOTTISH AUSTRALIAN.—At the Cadiangullong Mine during the month the surface operations had been continued, and a further quantity of 22 tons of ore raised therefrom. The portable engine had been got upon the mine and started to work. Capt. Holman expects that it will enable him "to extend the 23, and to sink the shaft 10 fms, below it. When the water is drained to the 23 our operations will first be directed to continuing the cross-cut north through the lode in a line with Murphy's shaft, also driving east on the south part of the lode, and driving west obliquely through the lode in a line with the adit shaft; these three levels going into the great lode will give it a fair trial at this horizon. We shall also make preparations to resume sinking, in the early part of next month, the engine-shaft 10 fms. deeper, at which depth the lode will not be over 9 ft. to the north of the shaft."—Smelting Works: Advice has been

received of the shipment for London, per La Hogue, of rather over 11 tons of copper. The result of a careful assay and estimate made at the end of December by Capt. Holman and Mr. Christoe shows that the ore them at the mine and works would yield 68% tons more, leaving a large quantity of low-class ores to be dealt as may be found practicable.

Colliery: All operations at this establishment were progressing in a most satisfactory manner. The engine was working well, and coal of excellent quality being brought to bank. Mr. Morehead, the superintendont, remarks:—"Since my last I spent some days in the neighbourhood, during which time I went over the working, both above and below ground, which I had not previously inspected, and was well pleased with all I saw."

BON ACCORD COPPER.—The directors have received a reply by the present mail from the committee of management at Adelaide, to their letter of November last (conveying some discretionary powers which the beard have thought It not improved to start the engine again, and make deeper explorations, until they shall have received distinct instructions to that effect from the board. In these circumstances the directors propes to take an early opportunity of meeting the shareholders.

DUN MOUNTAIN COPPER (New Zealand).—The quantity of chrome brought down from the mines and shipped during the 12 monties we shall have been at work next February will amount to nearly 4000 tons, it being aiready 3787 tons. This quantity is be depended upon in the old working, and forces upon us the evident necessity of operating on other portions of your property, regarding which your manager reports as follows:—I am extremely glad to be able to report that during the Christmas holidays one of our miners has discovered a reef or deposit of chrome ora of very good quality, the top of which if have aiready laid bare for some four chains in length. It shows an average width of 10 ft., and seems solid, massive, and very heavy. I am driving upon it from the lowest point yet reached, and sha

business continues steadily."

VAN DIEMEN'S LAND COMPANY.—The company's chief agent, under date Launceston, Jan. 1, transmits a letter received from Mr. S. B. Emmetr, dated 16th of that month, from Circular Head. Mr. Emmett gives a detailed account of the progress of his operations in cutting the track to the River Hellyer for procuring the auriferous sand. He states that he had completed it within four miles of its termination; that he hoped to finish it that day week, when he would at once begin procuring the sand and make arrangements for having it brought away on pack-horses. He says that when he commenced the track he faily anticipated completing it in ten days, but he subsequently found it would occupy three weeks or rather more. He concludes, "I will take an early opportunity of forwarding you a sample of gold by post as soon as the track is completed."

is easy that when he commenced the track he fully anticipated completing it in ten days, but he subsequently found it would occupy three weeks or rather more. He object as soon as the track is completed.

RODDA'S PATENT ORE-REDUCISO PROCESS.—The furnace on the New Cornwall Mine is capable of reducing 30 tons of ore per week, and by the addition of a few mechanical arrangements will accomplish 40 or 45 tons weekly. The ores, first mixed with about one-third of their weight of charcoal, are carried to the top of the furnace, which is about 10 ft, above the level of the ground. The top bed is formed of fire-tiles, 14 in. by 12 in., and 21 in. thick, and has four openings, which are covered by from plates. These plates being removed, the charge of ore, weighing with the charcoal about 1 ton 7 ewts.. a put through the holes into its second or middle chamber, which is kept red hot. The top holes are then again closed, and the ore, after having been levelied in the middle chamber are raked through four holes or openings in another tiled floor (similar to that of the top) into the furnace below, where the heat is sufficient to complete the decidation of the copy into the furnace below, where the heat is sufficient to complete the decidation of the copy into the furnace below, where the heat is sufficient to complete the decidation of the copy into the furnace below, where the heat is sufficient to complete the decidation of the copy are accorded to prove its anison to the organ below the copy of the furnace. When amiliently reduced or decidated, the occas from the tors due to the copy of the furnace. The copy the copy of the furnace oppored is anison of the organ are most be fully unfatilized. About 5 tons will be quantity afficient to complete the operation, and in the lower furnace a process of eliquation or "averating" goes on, and a large quantity of copyer is found to have detached leaf from experimental to the small from the more accordance of the contract of the contract of the contract of the contract of the co

Moseley Green Coal and Coke Company (Limited).—A meeting for proof of debts in this company was held yesterday at the Court of Bankruptcy before Mr. Commissioner Goulburn, and also to give judgment as to whether Sir Charles Fox was to be put on the list of contributories for 20 shares. The Commissioner decided that Sir Charles Fox must be put on the list; first, on the ground that his name was entered in the register of shareholders; secondly, that he took the chair at a meeting of the directors of the company; and, thirdly, that his name had been returned to the registration office of joint-stock companies as a shareholder. Several proofs of debts to a large amount were handed in, but they were only admitted as claims, as they required to be examined. Mr. Roxburgh, instructed by Messrs. Graville and Tucker, appeared for the official liquidator; Mr. Doris, instructed by Messrs. Lambert and Hampton, appeared for Sir Charles Fox; and Mr. Hutton, of Moorgate-street, accountant, attended to check the proof of debts.

street, accountant, attended to check the proof of debts.

CONSOLS INSURANCE ASSOCIATION.—A meeting for proof of debts in this company was held at the Chambers of the Master of the Rolls, on Tuesday. Mr. Edward Lawrance (Lawrance, Piews, and Boyer) attended on behalf of certain directors of the company who had given promissory notes to the Manchester Insurance Company to secure a lean made to the Consels Insurance Association, amounting to 1039/s, and requesting that this sum might be paid by the official manager out of the funds now in hand, to avoid the expense of premium on lives due to the Manchester Insurance Company, and payable on the 20th inst. Messrs. Greville and Tucker appeared for the official manager, Mr. Scott; Mr. Hutton, of Moorgate-street, accountant, attended as the creditors' representative. With the consent of all parties, the Chief Clerk made the order for the payment of the amount (10301.), with an understanding that should there be any deficiency in the calls receivable from the directors as contributories, who had signed the promissory notes, it was to be made good by them. Several other proofs were admitted, and the proceedings terminated.

THAMES TUNNEL COMPANY.—Receipts for the week ending March 14, 931, 3s. 10d.; number of passengers, 22,366.

LONDON GENERAL OMNIBUS COMPANY.—The traffic receipts for the week ending March 15 was 10,861f. 17s. 7d.

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Mining Gorrespondence.

BRITISH MINES.

ABERFFEWD.—J. Roach, March 18: The Aberfirwd cross-cut is progressing favourably; it is now extended 22 fms. towards the lode, which we shall intersect at an early
date, when I believe you will be satisfied with the results; price for driving still 75!,
per fm. The lode in Bonsall is very wide and masterly; the winne is sunk about 6 f.
on north part of it, which contains about 5 cwts. of silver-lead ore per fm. The south,
or footwall, part of the lode has not been out down. I believe when the winne is sunk
a few fathoms deeper it will greatly improve, and lead to such discoveries as to establish
a permanent and profitable mine. The matrix and formation of the lode at the present

of footwait, parts are now as a second of the control of the contr

BOSWORTHEN,—J. Dannel, March 1v: The user min work for tin. No change to mention elsewhere underground. At surface we are publing on the necessary work with all speed.

BOTTLE HILL.—J. Eddy, March 17: Our lode in the stopes, west of old whim-shaft in task of the adit level, still holds its size, about 7 ft. wide, worth about 6f. per fm. The lode in the stope in back of the 12, west of old whim-shaft, in back of the adit level, still holds its size, about 7 ft. wide, worth about 6f. per fm. The lode in the stope in back of the 12, west of old whim-shaft, is about 5 ft. wide, and worth 6. per fathom. The lode in the etopes, west of Viger's shaft, in back of the adit level, is about 3½ ft. wide, worth 47. per fathom. The lode in the etope.—Robert's Lode: We are still driving east in the 17 by one man and one boy; the lode in the end is about 18 in. wide, producing tin, but not to value. We shall commence burning for our next sampling on Thursday next. I am sorry to say our water is still very short by day, and nothing like a full stream by night.

BRYN GWIGG.—F. Evans, March 18: The sump in old workings will produce 1 ton of lead ore per fm. The lode in the 75 weak is very promising, and is 5 ft. wide, letting oat a good deal of water; the produce for lead is 15 cets, per fm. We have two stopes be hind this end, which will produce from 1 to 1½ ton per fm.; the ground is rather hard for some per fm. The stopes below this level will produce about 1 the per fn., and likely to improve. The shaftmen are fixing bottom cistern, and will be ready to slok the engine-shaft in about a fornight. We have also face a new plunger in the 75, which will take the water from the old mine. The north cross-cut, in back of the 64, is poor and hard, and we have stoped this bargain. The different pitches in and about this part of the mine are without change since last report. We sold last week 35 tons of lead, the produce for the last month.

CAMBORNE CONSOLS.—W. Roberts, March 17: In the 50 cast, on the caunter, the lode is 1 ft. wide,

munication is effected it will greatly facilitate the driving towards the south lodes at the 80. The main lode, in the 63 west, shows a better appearance than it has hitherto. There is no alteration to notice.

CARADON UNITED.—R. Knapp, March 19: The caunter lode going west in the adit is 4 ft. wide; and, although not so valuable as when last reported, is a very promising and productive lode; and, from its present appearance, will probably soon equal its former value, now worth 10/, per fm. The price for driving it is 3/.10s, per fm. In the rise is back of this level the lode is 3 ft. wide, worth 12/, per fm.; price for rising, 40s. per fm. The price for driving it is 3/.10s, per fm. The rise is back of this level the lode is 3 ft. wide, worth 12/, per fm.; price for rising, 40s. per fm. The eastern end, on the east and west lode, is temporarily suspended whilst the men are engaged driving a cross-cut north to intersect the caunter lode, which has not yet been met with east of the cross-course. When this is done we have no doubt the trial shaft will be effectually drained, so that its sinking may be continued without interruption. This is expected to lay open large quantities of ore ground, as the lode, so far as yet seen, is 4 fms. In length, and will produce from 3 to 4 tons of ore per fm.; the ground is comparatively cheap for working. Since the men have been hindered by the water from working here they have been engaged in stoping the back of the adit on the main lode for tin, where they have been engaged in stoping the back of the adit on the main lode for tin, where they have been engaged in stoping the back of the adit on the main lode for tin, where there are large quantities that may be taken away at a good profit. We shall proceed almost immediately to erect a stamps, as there is a considerable quantity of stuff aiready at surface, and much more can be readily obtained when enguired. So soon as the stamps are completed it will be necessary to proceed with an engine for pumping, winding, &c., especiall

CENTRAL MINERA (I.E.ab).—W. Davies, March 19: The directors have decided upon erecting an engine on the Sawney shaft to unvater that part of the mine, in which it is reported large deposits of ore are gone down into the water. We shall proceed a seace to erect the engine.

CLARA UNITED.—M. Barbery, J. Lester, March 19: Llywernog: The cross-cut south of engine-shaft, at the 30, is progressing favourably; now in 26 fms., and leaving about 4 fms. to drive to ut the wheel-pit lode. The new or caunter lode, in the 30, west of cross-cut, is full 3 ft. wide, about 18 in. of which contains a fair mixture of lead ore, and has a promising appearance. The shaftmen are now engaged cutting plat, &c., at the 36, and will finish ready to commence sinking the shaft in the course of a week. We have commenced building the crashing-bouse.—Clara Shaft: We have no alteration to notice since our last. The 32 south has not yet intersected the south or main part of the lode. Surface operations as usual.

COOLARTRA AND BOND.—March 14: I have put the men to drive west to intersect the great north and south lode; we have a hard har of ground, very like the cappel of a lode; there are strings of spar running north and south in it, and it is highly mineralised; I think we are near the lode; this is where the red water was issuing from.

— March 18: We have got through the hard bar of ground, and have now got about 12 in. into a beautiful channel of lead ground under the hanging-wall; we have fine lead ore all through it so far, and it is beautiful stuff. I will write more in a few days. CROOKHAVEN.—Capt. Thomas, March 17: The water in the bottom of the mine avery quick; the flookan is holding its size, and promises well for improvement. The driving north in the 70 maintains its character, and promises well for a deeper level. CROWAN CONSOLS.—J. Seymour, March 18: We have well for improvement. The driving north in the 70 maintains its character, and promises well for an eleven with the engine-house up to this day, but the weather being roug

arrives, as we are fairly beaten by the water.—Waterfall Lode: The progress in driving is 8 ft. 2 in. We have had a slight improvement since my last. Surface work going on satisfactorily.

DALE.—R. Niness, March 19: The new machinery that we have been erecting for the past two months and a half is set to work, and, I am glad to say, is answering most satisfactorily. The length of the new connections at surface and underground is 400 yards. The water is out of the shaft, and the sluking shall be pushed on with all possible speed.

DYFNGWM.—E. Davies, March 18: We are pushing on the works with all energy. We are getting better oran in a 32 cast stope. No change in the others. We are driving the 52 cross-cut, the water being out, and intend to fix sir-pipes, so as to enable the men to drive the cross-cut, and at the same time drive on the new lode. We shall ship again by the Conservatior must tides.

EAST ALFRED CONSOLS.—H. Skewes, W. Arthur, March 18: There is no change in the 50, wast of engine-shaft, on the south lode, since last report; the ground is easy for driving. In the 50 cross-cut, north of the above shaft, we are daily expecting to cut the north lode. The 50 cross-cut south is progressing favourably towards the south lodes. The north lode in the 16, east of Orchard shaft, is 18 in. wide, composed of spar, flootan, with spots of ore occasionally. There is no change in any other part of the mine. EAST BEAM.—J. Webb, jum., Mar. 18: We have put four men to drive south through the south lode, at 54. low per fm. In driving cast on the north lode I find it much improved, being now worth 2 cuts. of timper 100 (12 galions) sacks; the lode is 6 fet wide; this end is being driven by six men, at 50s, per fm. In the end west of shaft, on the north lode, driving by two men, at 30s, per fathom, the lode has been small, having met with a cross-course, but is now 2 feet wide, worth 2 cuts. of the per 100 sacks, and still enlarging in that direction. We are getting on with the stamps as fast as possible. The engine work

EAST CARN BREA.—T. Glanville, §. Scholar, March 18: The 60 west is yielding 1½ ton of copper ore per fathom. In the stopes in back of the 60 the lode is yielding 3 tons of copper ore per fathom. In the 50 west the lode is yielding 1 ton of copper ore per fathom. In the western shaft the lode is yielding 2 tons of copper ore per fathom. In the western shaft the lode is yielding 2 tons of copper ore per fathom. But the control of the copper ore per fathom. In the western shaft the lode is lode in copper ore per fathom. EAST CLOGAU (Gold)—K. Roberts, March 17: Our progress in driving upon the 8t. James's lode, in level No. 2, this week is 4 ft. 6 in.; the lode is looking quite as good as last reported. In the cross-cut north of this level our progress is only 2 ft. 6 in. during the past week. I have stopped the men in this cross-cut, and have placed them in St. John's No. I, instead of the six men that were there before, being better miners. I have reduced the price from 8t. 10s. to 6t. 10s., as the ground is looking much easier for driving; they are still driving by the side of the lode. In No. I level, on St. David's lode, the progress is 7 ft.; the lode is 2 ft. wide, composed of quartz, spotted with yellow copper ore. St. David's lode, in No. 2 level, at present is not looking quite so good; our progress in this is 3 ft. 6 in. I intend taking away two men from this level, and shall employ them in \$1 est., to try to find the junction of the lodes called St. James's and St. John's. There are four men in each level, except No. 2 St. David's.

EAST DEVON GREAT CONSOLS.—T. Neill, March 17: In the 70 west we have cut the east wall of the cross-course, which is producing a little lead; when cut through

concerned uses price from the date, the set is greated of quarts, special with yellow copper ows. Br. David's looks, in No. 2 level, at present is not looking quite so good; our copper ows. Br. David's looks, in No. 2 level, at present is not looking quite so good; our copper ows. Br. David's looks, in No. 2 level, at present is not looking quite so good; our copper ows. Br. David's looks and the set of the looks called Sri-dames's and St. John's. There are fear sen in each level, except No. 2 St. David's.

The sent of the crise control of the looks called Sri-dames's and St. John's. There are fear sen in each level, except No. 2 St. David's.

The sent of the crise control of the looks called Sri-dames's and St. John's. The look in the vision, set in the level of the looks called Sri-dames's and sent the level of the looks and looks are sent level, and the look great of the looks and looks are mently logother, and both improving. When intersected we may expect a look look. The shalf is an present worth 80; per fin. In the Sci and the looks are an extent looks and looks. The looks are looks and looks are looked by the looks and looks and looks are looked by the looks and looks are looked by looks are looked by looks and looks are looked by looks and loo

sink. We have a large pile of stan at surround to the standard forms.

GREAT RETALLACK.—W. H. Reynolds, March 16: The water is very quick, and we have not done anything at the 60 for some days until yesterday; the lode at this level is cut into 3 fms., and contains spots of copper, blende, and lead. In the 53 west we are still driving by the side of the lode. The lode in the 40 west yields some good blende, and the pitches, which were not so productive last month as they had been, are

again improvedGREAT SOUTH TOLGUS.—J. Daw, March 18: Friday last was setting-day. At
Lyle's shaft, sinking below the 140, the lode is 5 ft. wide, very fool with mandic, and
tor producing much tin. The 140 west, on tin lode, is suspended, and the men are put
to rise in back of the level, on the copper lode, so as to ventilate this level; set to four

GREAT SOUTH TOLGUS.—J. Daw, March 18: Friday lass was setting—asy. At Lyle's shaft, sinking below the 140, the lode is 5 ft. wide, very foul with mundic, and not producing much tin. The 140 west, on tin lode, is suspended, and the men are put to rise in back of the level, on the copper lode, so as to ventilate this level; set to four men, at 41. per fm. In the 140 east the lode is 1 ft. wide, producing I ton of copper ore per fm.; set to four men, at 44. per fm. In the 120 west the lode is 1½ ft. wide, producitive; set to four men, at 32. per fathom. In the 112 west the lode is 1 ft. wide, unproductive; set to four men, at 32. per fathom. In the 112 west the lode is 1 ft. wide, unproductive; set to four men, at 32. per fathom. In the 112 west the lode is 1 ft. wide, unproductive; set to four men, at 22. 15s. per fm.

GREAT TREGUNE CONSOLS.—W. Richards, March 19: The lode in the 92, west of Hobier's shaft, retains its size of 5 ft. wide, and it is composed of capel, quartz, peach, fookan, iron, an increase of mundic, and occasionally some rich copper ore. Water Issues more freely from the extreme point. We have suspended the 92 east, and put the men to pump out the water from the wines in bottom of the 80, and we shall use every effort to resume the sinking of the same. I hope the water will not prove too quick for us. The machinery is all working well.

GREAT WHEAL BUSY UNITED.—T. Trelease, J. Petherick, R. Giles, W. Trelease, E. Richards, March 17: The lode in the 130, driving cast of Harvey's engine-shaft, is 3 ft. wide, worth 181, per fm., and likely to improve. We have communicated the rice in back of this level, west of said shaft, with Fleiding's shaft, and shall at once completed by the end of the week, and as soon as the stuff is cleared we shall commence the sinking of Harvey's engine-shaft below the 130, driving east of Offord's shaft, shaft, below the 130 than 1 speed. The lode in Carbia's winze, sinking below the 100, is still disordered with the elveans, and unproductive. The lode in Carbia's winze

lode in the 70, driving west of Kitelee's shaft, is at present small and unproductive. The lode in the 70, driving west of Hunter's shaft, is 18 in. wide, producing a little ore, but not to value. The end is now 6 fms. 3 ft. west of said shaft, and we hope to reach the cross-course in about 2½ fms. more driving. The lode in the 60, driving west of Hunter's shaft, is small and poor. The lode in the 50, driving west of this shaft, is a little improved, producing some good ore, but not enough to value. We have not yet intersected Sampson's lode, in the cross-cut north, at John's shaft. Nothing else new

the cross-course in about 2½ fms. more driving. The lode in the 60, driving west of Hunter's shaft, is a mail and poor. The lode in the 50, driving west of this shaft, is a little improved, producing some good ore, but not enough to value. We have not yet intersected Sampson's lode, in the cross-cut north, at John's shaft. Nothing else new to report on.

GUNNIS LYNG the men are sinking by the side of the lode, when last calk into (about 2 fms. above the present bome of the santh) it was done to the shaft, rides for copper or and tin 20/L per fm. for the santh it was the lode, when last calk into (about 2 fms. above the present bome of the santh) it was done copper. The stopes in the back of the 10 are yielding from 1 to 2 tons of ore per fm. In the end driving north on the cross-course at the 10, to intersect the eastern part of the lode, a branch producing some fine atones of copper or has been intersected, but as yet there has not been enough seen of it to ascertain its value. In the south part of the mine the men have commenced driving by the side of the south or greenstone lode; the ground favourable for driving. No change in any other part of the mine.

GURLYN.—J. Cartis, W. H. Martyn, John Rees, March 18: We beg to hand you our setting resport for March 2 lode, by four men, at 41. 10s, per fm.; the 30, to drive east of clutto, by four men, at 41. 10s, per fm.; the 30, to drive work of the side, by two men, at 41. 10s, per fm.; the 30, to drive work of lither's half, by two men, at 41. 10s, per fm.; the 40, to drive west of these shaft, by two men, at 41. 10s, per fm. in 40, to drive west of these shaft, by two men, at 41. 10s, per fm.; the 40, to drive west of these shaft, by two men, at 41. 10s, per fm.; the 40, to drive west of these shaft, by two men, at 41. 10s, per fm.; the 40, to drive west of the shaft was the south of the flat met, at the shaft men, and the shaft men and the shaft men and the shaft men a

present the sampling, which is now in course of dressing, will exceed the last. The machinery is all in good working order, and if any improvement takes place I will at once advise you of it.

LADY IERITHA.—Capts. Harpur and Metherell, March 16: We have nothing particular to inform you since our report of Thursday last; the different ends, stopes, pitches, and shaft are much the same in appearance as then reported.

— Cupts. Harpur and Metherell, March 19: The lode in the 41 east is from 2 to 3 ft. wide, composed of peach, mundic, quartz, and ore, worth of the latter 3 tons, or 12?, per fathom. In the rise above the back of this level the lode is composed of quartz, mundic, and some ore—saving work. The lode in the winze sinking below this level (the 41) is about 2 feet wide, composed of capel, mundic, and spar, with occasional stones of real not 13 above the back of the said level towards the new shaft. The lode in the stopes in the back of this level is about 3 feet wide, composed of ore and mundic, worth of the former 5 tons, or 15!, per fathom. In the 20 east the lode is large, composed of quartz, mundic, peach, and ore—saving work. The tribute department continues much the same as for some time past. No change in the ground in the new shaft.

LONG RAKE.—F. Evans, March 18: We sold last week 17 tons of lead ore, at 144, 0s. 64, per ton, the produce of last month, and we hope to sample an equal quantify at our next. The 70 east is improved for lead ore, and is looking very promising, worth 16 owts, per fm.; the stopes in roof of this level are in easy ground, and on an average will produce from 8 to 10 cwts, per fm. The 60 east produces awing work, as well as the 60 west, and both look better for lead.

LOWER PARK.—W. Davies, March 19: The winze sinking below the 60 yard level, in the castern shaft, is in very congenial ground, but unproductive for ore at present. The air has been so bad this week, which has impeded our progress very much; the men are ut present engaged in fixing alr-pipes, when we shall be

winze more specilly. The cross-cut driving south from the 26 yard level, in the Office shaft, is hard for progress. In the 40 yard level, driving west from Stuart's shaft, the lode is promising for ore, having much improved, composed of spar and oxide of iron, and small spots of lead.

LOWER TALDEWS (SLATE).—G. L. Fuller, C.E., March 11: The cross-cut in trial drift No. 2 shows a breadth of 40 yards of workable slate, without the boundary of the vein being yet reached; and in the hope that yos will consider the tests now made sufficient for present purposes I have stopped further expenditure in simply trials, and shall now by all available means expedite uncovering and opening out the vein under the area so tested; uncovering I have, in fact, commenced, and it has made good progress, considering our few hands. Opening out a face by "roofing up" from the above drift began with the present month, and although we must be content to pay, in loss of the time they have taken, and in the cost of trials, for the cantion excreted, I am sanguine that during April we shall see before us the commencement of a slate-making face, and that three more pays at (asy) our present rate of expenditure will surely see us fairly slate making. I am gratified also at being able to point out that the trial drift above alluded to is at least 5 yards nearer the surface than I then assumed, as the average level of sound slate, and that even from the uncovering, at a depth no greate than 6 yards from surface, chance blocks have been produced, from which "duchesses (12 by 25 inches), or even larger slates, could be split; this promises extraordinarily well for the slate below. White making down the incline and pumping shaft, and the depth intended being reached, and a draining adit formed, I have commenced the main, or working level at a depth of about 20 yards; this level in also now through the "post," and has entered the good rock at somewhat less than the same distance off the incline as the higher drifts. Long before this level has been

enable us to give it a turrough examine the state of the process of the state of th

No alteration in any other part of the mine.

MOLLAND.—Thos. Bennetis, March 18: In the 52 east we have a very large strong masterly lode, the width of which we cannot tell, not having either the north or south wall. The part we are carrying is producing spots of grey and black ore, associated with brown-iron; the black ore, however, being so light will 1 fear be carried off with the water in dressing. This end will soon I hope be in under the winze sinking on it, when the men should in my opinion rise against the new sinking, or commence a winze in the 62. The winze sinking below the 42 east is now down about 5 fms., the lode in which is very large and hard, producing no ore to value. The stopes in bottom of the 32 east are producing 1½ ton of ore per fm.; the lode here, however, being so large, in which the white-iron predominates, renders the ore of low produce. We have the lode now in the add is shaft, which is about 1 foot wide, composed principally of gossan; the rock is close for sinking in. We have now about 40 tons of ore at surface—35 tons and 7 tons undressed.

rock is close for sinking in. We have now about 40 tons of ore at surface -33 tons and 7 tons undressed.

NANT-Y-IAGO.—There is very little alteration in the value of the lode at the different points in operation since reported on last week. The 20 east has improved a little. The mine is looking well; stoping has not yet been resorted to, and I think we had better communicate the winzes between the 10 and 20 before we do so. Dressing is being pushed on as fast as possible; we shall have 12 tons of clean ore and severat tons in a forward state against Saturday next.

NETHER HEARPH.—W. Vipond, March 14: I have set the end of East Cross vein level to four men to drive, at 55s, per fm. The vein in the end is looking stronger this week, and there are some weak strings crossing the level, the cheeks of which are glazed with ore in the hazle. The indications are favourable for ore as we get nearer the cast and west vein.

and west vein.

NEW WHEAL MARTHA.—G. Rickard, March 19: The ground in the engine-shaft, sinking below the 64, continues just the same as last reported. The lode in the 64, west of engine-shaft, is yielding about 1½ ton of copper ore per fathom. The character of the lode here is such as to warrant a good course of ore at no great distance. In cross-cutting the lode in the 62 we have met with branches of spar and mundic, and stones of copper ore, with prospects of meeting with the main, or productive, part of the lode further the lode in the 52 we have met with branches of spar and mundle, and stones of copper ore, with prospects of meeting with the main, or productive, part of the lode further north. The lode in the winze sinking below the 23 is producing 4 tons of copper ore per fathom. The lode in Rapson's stopes is a hittle improved since last week, yielding inil 10 tons of ore per fathom—a splendid lode indeed. Wearing's stopes is producing about 4 tons of ore per fin. There is nothing new in our tribute department worthy of any remark since last week. We are busily engaged preparing for our next sampling, which will be greatly increased by the improved prospects of the mine. All surface op are going on favourably.

will be greatly increased by the improved prospects of the mine. All surface operations are going on favourably.

NEW PEMISROKE.—F. Puckey, March 16: We have put our 24-inch cylinder engine to work, which is working exceedingly well. We have put down 20 fathoms of pliwork in the shaft, forked the water, and secared the shaft to the 20. At that level we are now making preparations to put in bearers and cistern to fix the lift; when completed we shall drop our next lift and clear the shaft to the 30, which we suppose to be the bottom of the mine, the 20 the former workers only extended on the north tode, which is driven from the chaft about 12 fathoms west. The back of this north tode, which is driven from the chaft about 12 fathoms west. The back of this average 1½ foot wide, and is of a very kindly character, producing some good work both for tin and copper, and will work on tribute sfar we have cleared out the mine. NEW WHEAL PROSPIDNICK.—W. Bishop, jun., March 14: The different tutwork bargains throughout the mine are being carried on with vigour, and there is no material change in either of them since last week's report. We commenced to stamp the tinstuff the week.

NEW WHEAL VADDON.—P. Floyd, March 17: We shall take down the lode tomorrow in the No. 1 cross-cut; at the present time it is worth 10/1, per fm., driving at 30s.; if this lode should continue we are all right. The lode in No. 2 cross-cut is worth 62. per fm., driving at 31, per fm. At the present time we are looking very promising, and shall have a good mine shortly. All other pinces are as last reported.

NORTH BASSET.—T. Glanville, G. Davey, March 18: In the 102, west of the cross-cut, the south lode is 2 feet wide, producing stones of tin. In the 102, west of Grace's shaft, he lode is 4 feet wide, producing stones of tin. In the 102 west the south part of the lode in 2 ft. wide, composed of fluor-spar and a little copper and the 32 the south part of the lode in 4 feet wide, vielding stones of opper ore. In the 103 west the south spar, and spot

the stage regions copper ore. The lode in the 18, east of spignic-shaft, is full 5 ft. wide, composed principally of mundie and peach, with a little tilt throughout of a most promising character, and, judging from its present appearance, we think we shall shortly be able to value it. The repairing of the whim and shaft tackle on this shaft will be completed next years. S.—P. Proyr, J. Grennelli 17th 72, east of King's shaft, is presenting a three properties of the peace of the shaft; there is a branch of good ore in the back of the end 6 in. wide, which appears to be dipping east, if so we shall soon be able to set a value on this end. The 60, east of shaft, will produce I ton of ore per fin. We have communicated No. 4 when with the 60, which have cat call! disordered by a slide, over which it will produce I ton east of hearit. The 40, east of Bennett's, 11 fms. east of shaft, is worth 101, per fin. We have communicated No. 4 when in the back of the 69, east of Bennett's, 11 fms. east of shaft, is worth 104, per fin. We sampled on Wednesday last 202 tions of good quality ore. No alternation to notice in any other part of the mine.

NORTH GRANBILER.—Wen, Paccos, March 16: The eastern flat-rod shaft is sunk 1912 the stage of the shaft is sunk 1912 the shaft of the shaft is sunk 1912 the shaft of the 1912 the shaft of the 1912 the shaft of the 1912 th

shall at once commonce driving east and west; and we fully believe that in this level good results may be reasonably expected. Other places are without any alteration since our last report.

NORTH WHEAL LUDCOTT.—Wm. Hancock, March 19: The shaft is sunk about 3 fms. I have to-day ordered rope, kibbles, &c., and will report more fully next week. NORTH WHEAL ROBERT.—J. Richards, March 19: In Elliott's cross-cut south, at the 52 fm. level west, the ground continues of the same character as for some time past, and is hard for progress. In Heard's rise, in the back of the 42 fm. level west, east of Davies's winze, on No. 1 south lode, the lode is worth ½ ton of ore per fm. In the 30 fm. level west, east of Davies's winze, on No. 1 south lode, the lode is 2 feet wide, composed of mundic, capel, quartz, and ore—saving work. Jr. Edward's cross-cut south a small lode or branch has been met with, 3 inches wide, consisting principally of quartz, to the south of which the ground is not so favourable for progress as heretofore. In the 20 fm. level east, and east of Toll's rise, the lode is 1 ft. wide, and unproductive. In Stancombe's cross-cut, north, at the 30 fm. level west, the ground continues favourable for progress. In the 30 fm. level west, and west of Stancombe's cross-cut, on No. 1 tin lode, the lode is 5 ft. wide, and yellow good stones of ore. In Tregemba's cross-cut, or, at the 62 fm. level, east of Rowe's cross-cut in Bennett's winze, on No. 2 south lode, the lode is 1 ft. wide, and yelds good stones of ore. In Tregemba's cross-cut north, at the 62 fm. level, east of Rowe's cross-cut in Bennett's winze, on No. 1 tin lode, the lode is improved; it is 4 feet wide, composed of capel, mundie, quartz, a little tin, and ½ ton of copper ore per fathom. In the 20 fathom level west, and west of Medilin's cross-cut, the lode is small (1 foot), composed of capel and a little tin ore. The rection of the stamps progress favourably, and we purpose putting them to work towards the end of the coming week. OKEL TOR.—Wm. B. Collo fathom. In the 50 the men are taking down the lode in the end; the over part of which is 2½ ft. wide, and yielding 6 tons of ore to the fathom. In the tribute department the new pitch in the 80 has improved. In the middle pitch, at the 60, the men are driving to intersect the north or main part of the lode. The eastern pitch at the 65 is looking well. In the 50 the eastern pitch is not looking so well as it did. In the other pitches

to intersect the north or main part of the lode. The eastern pitch at the 65 is looking well. In the 50 the eastern pitch is not looking so well as it did. In the other pitches there is no alteration.

PEDN-AN-DREA UNITED.—W. Tregay, J. Thomas, March 14: The lode in bottom of the sump-shaft is worth 60, per fm. for the length and breadth carried, 15 ft. by 7 ft., and no north wall. The 190 cast end produces stones of tin, and improving. The 190 west end is worth 40. per fm. The 100 east produces stones of tin, and improving. The 190 west end is worth 40. per fm. The 100 west, on engine lode, is worth 31, per fm. The 90 east end is worth 61, per fm. The 190 west, on engine lode, is worth 31, per fm. The 90 west, on Martin's lode, is worth 31, per fm. The rise in back of the 80 is worth 61, per fm.—Cobbler's: The lode east of cross-course, in the 90, is still unsettled, and ground very hard for driving. The 68 west end is worth 51, per fm.—Street: The lode in the 47 east end is worth 51, per fathom. We have been considerably hindered in our stampling during the week, owing to the leakage of one of the bollers of the stampling-engine; this is now undergoing repairs, and will be at work to-night. We shall always be liable to these hindrances until an extra boller is provided for that engine, the water being 26 corrective that the boller-plates rapidly honeycomb.

PENDEEN CONSOLS.—J. Warren, March 14: We have cut the tin in the tin lode in the 130 south, the lode at present being 2 ft. wide, worth 151, per fm., with every appearance of further improvement. We have not taken down the lode in the 118 south during the past week. The lode in the stope behind the same is worth 651, per fm. The 82 north is hard for driving, and the lode small. In other parts of the mine there is no material change to notice.

PENHALLS.—R. Pryor, sen., Wm. Higgins, March 14: We have not as yet cut the 81 little cross-course in the 40, east of the engine-shaft, but we are daily expecting to do so; the lode in this end is still large, but no

adoma on the western shash is progressing astistationity, but the weather has been rather against us in the building of the sungin-houses. We Millett, March 19. The promote in Lociales diagonal shaft, sinking below the 60, is still avourable. The lode in the 60 west it without calleteration discount on the report, then worth 12. For the 10 days in the 10 days and 12 days of 11 days and 12 days of 12 days

arther instructions.

ST. DAY UNITED.—E. Ralph, March 14: There is nothing new in these mines to sport on this week. Billing's shaft is still looking well, and both shafts are sinking

with astisfaction.

ST. JUST UNITED.—J. Carthew, March 18: Since last report our pit and sumpmen have been engaged getting things in order for fixing a 6-inch plunger-lift at the 40 in the engine-shaft; when this work is completed we shall soon fork to the 62, or bottom

have been engaged getting things in order for fixing a 6-inch plunger-lift at the 40 in the engine-shaft; when this work is completed we shall soon fork to the 62,00 robust level. Oats's shaft, which is about 80 fathoms east of the engine-shaft, was sunk by the old miners some 60 years since from the surface to the 40 below the adit in a good run of tin ground. From the few archee left, and great quantity of tiustiff underground, this run of this ground must have been at least 100 fathoms long. This shaft is most of the winner sinking below the 110 is 18 im. Wide, and ground must have been at least 100 fathoms long. This shaft is good tin having been made good below the 40, nor plat cut, we have put six men to cut trans have the mines in good working order. In the adit can driving north-west, or what have the mines in good working order. In the adit can driving north-west, or what out in the shaft down or one of the same as the 100 west is from 15 to 18 in. wide, and yielding fall 1½ to ne from. The lode in the 100 west is from 15 to 18 in. wide, and yielding fall 1½ to ne from. The lode in the 50 west is not looking quite so well; a breast-head of ground. The lode in the 100 west is from 15 to 18 in. wide, and yielding fall 1½ to ne from the two or the days. The lode in the 50 west is not looking quite so well; a breast-head of the same as least the 100 west is from 15 to 18 in. wide, and yielding fall 1½ to ne from the two or the days. The lode in the 30 west is not looking quite so well; a breast-head of the same as least the 100 west is from 15 to 18 in. wide, and yielding fall 1½ to ne from the two or the same as least two or the same as least two or three days. The lode in the 30 west is not looking and the same as least two or the same as least two or the same as least two or the same as least reported.

Tambor to the same as the same as least reported.

Tambor to the same as least two or the same as least reported.

The lode in the 237 south continues poor, and the ground hard some profess of the same a

32. 10s. per fm.; from the bottom of this end, 3 ft. high, we have a leader of ore 10 in, wide, and from the present character of the lode we have every reason to believe it with it improve. To drive a cross-cut north at the 40, west of Gundry's shaft, by three men and one boy, 1 fm., at 61. 10s, per fm. Set to drive a cross-cut north at the 20, can and three boys, 2 fms, at 61. 10s, per fm. Set to drive a cross-cut north at the 20, can be back of the edg, east of the engine-shaft, by four men, 2 fms. or the month, at 36, 5e, per fathom; this stope is worth from 51. to 61. per fm. for oro. To sink No. 3 winze believe the 60, cast of the engine-shaft, by four men, 1 fm. or the month, at 41. 10s, per fm. is when driving this level through the ground it yielded 1½ ton of ore per fathom; this is a new winze; admitting that the lode proves to be as good in the winze as it was in the level, it will pay for sinking, and when communicated with the 67 it will also ventiliate it. At Wheal Down we have cleared and secured the shaft 10 fms. below the adit lovel, and if you think well of it we will cross-cut to the lode, which will be giving us 10 fms. of backs; and knowing that we have raised a great deal of ore from the bottom of the adit level, east of this shaft, we would drive a 10 fm. level to prove the eastern ground. Set to slick a winze below the adit level, by two men, 3 fms. or the month, at 22. 10s, per finthom; the present depth of this winze is 6 fms. below the adit level, and will yield to repair it; it is now about 3 cilcok, and our belief is that we have made it satisfactory. Everything throughout the mine is looking well.

TRELOWERIL.—T. Richards, March 19: The lode in the 154, east of engine-shaft, is unproductive. In the 134 cast the ground is easy, and lode promising for yielding copper ore. We have commenced driving east, in the bottom of the sump-winze, on a lode worth 201, per fm.; when we suspended the sinking of this winze the lode looked quite as well as it ever had done. There is no alteration to

issuent from such to 12st, per im. The sloce in the stope above the 15 is worth full \$1, per faithom. I hope we shall get the engine to work again by next Saturday everling. Instead of the progress is 4 ft. 5 in. There is more wrater could from the same, March 81 ft. 5 in. There is more wrater could from the same. Surface and issuitacions. The same state of the same. Surface and issuitacions. The same state of the same. Surface and issuitacions. The same state of the same. Surface and issuitacions. The same state of the same surface and issuitacions. The same state is surface of the same state is sufface and the same surface and issuitacions. The same state is sufface and in the same

plat in the 25, west of trees on receive the flat-rods to Charles's shaft, and are working satisfactority.

WHEAL CARADON.—F. Pryor, March 14: I have to-day set the sump-shaft (or Cruttwell's) to sink below the 50, by nine men, at 201. per fm., to carry the shaft 12 ft. long and 6 ft. wide; we should have commenced to sink before, but were afraid to run any risk; we are now all right. We have also set Mary's shaft to sink below the adit, by six men and three boys. I hope shortly to be able to report on the value of Cruttwell's shaft. Our engine is working well, and everything going on as fast as possible. I am very destrous to push down the shaft, believing it will place us in a position to give the shareholders such encouragement as they are deserving for their outlay.

WHEAL DAMSEL—B. Fryor, H. Harvey, March 14: The lode in Dunsterville's shaft is 18 in. wide, composed of gossau, mundle, and spar, with stones of ore, and the ground favourable for sinking.—Gilbert's Lode: The 50, west of cross-cut, in 18 ind, wide, composed of mundle, peach, and spar, with good stones of ore, but attll producing good stones of ore.—New Lode: This lode in the 50, west of cross-cut, is 18 in. wide, composed of mundle, peach, and spar, with good stones of ore, and is now getting in setting ground, being nearly out of the influence of the cross-cute. We have not as yet resched the end of the 50 cross-cut, south of Turtle's lode, and still find it to be full of stuff, and a large stream of water coming out of the same. We will write a full report on Friday next, being our pay and setting.

WHEAL GRENVILLE.—G. R. Odgers, Wm. Bonneits, March 14: The lode in the 50 west is 18 in. wide, of quarts, &ee., with stones of ore, and letting our more water.

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Da Feb.

ood tribute ground, worth full 10t. per fm.—Pryor's Lode: The lode in the 54, east of cas-cut, is still worth 25t, per fm.; in this level, west of ditto, 12t. per fm. The lode the 44, east of cross-cut, is worth 7t. per fm., and in this level, west of ditto, 8t. per thom; the lode in the riss behind this end is worth 15t. per fm. The lode in the 34, at of cross-cut, is worth 7t, per fm.; in this level, west of ditto, the lode is worth 11t.

or fm. The ground in the 24 cross-cut continues to be much the same as for some

cast of cross-cut, is worth 7t, per fm.; in this level, west of ditto, the lode is worth 11t. per fm. The ground in the 24 cross-cut continues to be much the same as for some time past.

WHEAL POLLARD.—W. C. Cock, March 14: The lods towards the eastern cand of the shaft is about 20 in. wide. In the western end it is split into four or five parts, and the ground in consequence is not quite so favourable for sinking; sunk last smonth fm. 4f. 6 in., at 22t, per fm. The lode, on the whole, has a promising appearance, and I have no doubt we shall find it productive at a moderate depth.

WHEAL NORRIS.—Wm. Bugglehole, J. Andrews, March 14: At our setting to-day the following bargains were let:—A shaft-plat, south of Cremorne engine-shaft, to since men, 11 ft, long, 11 ft. wide, and 8 ft. high at the 45 to drive the end east of this shaft, 6 ft, on the lode, divide and case the shaft from the 35 to the 45, to put in the ladder-road, penthouse, and make all complets for driving the ends cast and west, and to sink the shaft below this level. The 35 to drive east on No. 3 lode; set to six men, at 3t. per fm. The 15 cross-cut to drive south of the above shaft; set to two men, at 9t. per fathom. Carter's shaft to sink below the 25 by nine men; set at 29t. per fm. The 25 to drive east of the latter shaft, on No. 4 lode; set to four men, at 4t. per fm. The 15 to drive east of the latter shaft, on No. 4 lode; set to four men, at 4t. per fm. The 25 to drive east of the latter shaft, on No. 4 lode; set to four men, at 4t. per fm. The 25 to drive east of the latter shaft, on No. 4 lode; set to four men, at 4t. per fm. The 15 to drive east of the latter shaft, on No. 4 lode; set to four men, at 4t. per fm. The 15 to drive east of the latter shaft, on No. 4 lode; set to four men, at 4t. per fm. The 25 to drive east of the latter shaft, on No. 4 lode; set to four men, at 4t. per fm. The 25 to drive east of the latter shaft, on No. 4 lode; set to four men, at 5t. per fm.

WHEAL SIDNEY.—W. Zdwards, March 18: The lode in the 60 end wea

the back. We find it of only moderaic value it will be an Important addition to the value of the mine.

WHEAL UNITY CONSOLS.—W. H. Reynolds, March 16; The Wheal Unity lode in the new shaft is 6 in. wide, with a few soots of copper, and has a promising appearance. The engine lode, in the 40 east, is 3 ft. wide, with a little malicable copper.

WHEAL UNION.—T. Glanville, March 15; Tatwork Setting; The flat-rod shaft to sink under the 76 by twelve men, at 30, per im.; the lode is 5 ft. wide, consisting of spar, mundle, and good stones of copper ore of a very kindly appearance. The 76 to drive caut of the flat-rod shaft by four men, at 61, per fm.; the lode is 5 ft. wide, mixed throughout with copper ore, but not enough as yet to value. The 18 to drive south on the cross-course by four men, at 31, per fm. The 93 cross-cut to drive south of the engine-shaft by two men, at 81, per fm. The winze to sink under the 20, on the south lode, by four men, at 61, per fm.; the lode is 7 ft. wide, producing stones of copper ore. The winze to sink under the 18 by four men, at 51, per fm.; the lode is 6 ft. wide, yielding stones of ore. The 70 west is suspended for the present. The men are preparing to put in skip-road in the flat-rod shaft, and to draw the staff with the steam-whilm from this part of the mine.

WINEAL ROWNS.—R. Harry, March 18: In the stopes over the 60 east the lode is

put in skip-road in the flat-rod shalt, and to draw the stuff with the steam-whim from this part of the mine.

WORVAS DOWNS.—R. Harry, March 13: In the sidpes over the 60 east the lode is 8ft. wide, worth 25L per 6m.—a strong masterly lode, and likely, from appearances, to turn out a large quantity of tinstuff. The new south lode, recently intersected in the deep adit, it 12 in, wide, yielding rich work for tin, worth 20L, per fm.; this is a very promising lode, and, the ground being favourable for opening, we look for good results. In the other tutwork bargains there is but little alteration since the meeting. The tribute pitches are producing the usual quantity of tinstuff, and the men getting fair wages.
YARNER.—R. Barkell, March 18: The outpine-shaft has been sunk 3 feet; there are small branches of ore crossing the shaft, and the ground is congenial for copper. The 40 cross-cuit is letting out a little water, but no lode as yet has been seen. The western stope is not looking quite so good; now yielding 2 tons per 6m. The branches in the eastern stope are looking a shade better, and will turn out fully 2 tons per solid fathom. The 20, east of Peter's wines, is without change, still worth 2 tons per fm.
The surface water is holding out well, and our wheel keeps the water with ease.

THE PRINCE OF WALES AND THE MINING INTEREST .- Several inco Prince of Wales from the Duchy, as derived from the mines in Cornwall and Devon, we have been requested to state that the income derived from Duchy property is about 54,000*l. nett.*, and issues out of ten different and distant counties. Cornwall and Devon are among the least profitable. In Duchy property is about 54,000*l. nett*, and issues out of ten different and distant counties. Cornwall and Devon are among the least profitable. In these counties the total gross produce from mines, &c., is about 6500*l.* per annum, out of which a large portion is from quarries of granite, and slate, and china-clay. Deducting these last items, and also the payment of salaries of the Stannary officers (about 1240*l.*), the nett revenue from mines is about 4500*l.*, and this amount is only obtained from minerals and mines on the *Prince's own land*, in which, unfortunately, none of the rich mining districts are situate. In fact, over since 1838 the Duke of Cornwall has become only a fourth or fifth-rate landowner in Cornwall, and a still smaller one in Devon. It will thus be seen how small a pecuniary interest the Prince has in the metallic mines. We are also informed that one other landowner (Mr. Basset) receives in dues alone about 20,000*l.* per annum.

QUEBRADA LAND, RAILWAY, AND MINING COMPANY.—Mr. Pritchett and Capt. Brown, who were appointed by the directors of this company to survey and report upon the estates and mines, returned to England on Tuesday last. The reports are being prepared, and will be circulated among the shareholders in a few days. In the meantime, it may be stated that Brown's report will be found to fully bear out the extraordinary statements which have been made with respect to these mines. He values one end to be worth 50 tons of ore per fm., and the ore of an average produce of 22 per cent. In another part he estimates the lode to be worth 1000L per fm., the cost of driving which will not exceed 10L per fm. The ore can be broken at 2L per ton. It is said that the mines are already capable of producing 1000 tons monthly, and Captain Brown calculates the ore ground already laid open to be worth 500,000l There appears to be no difficulty in the way of constructing a light locomotive tramway for the transmission of the ore from the mines to a place of shipment.

SOUTH AUSTRALIAN COPPER ORE.—The Alwynton has arrived at the QUEBRADA LAND, RAILWAY, AND MINING COMPANY .- Mr. Pritchet

transmission of the ore from the mines to a place of shipment.

SOUTH AUSTRALIAN COPPER ORE.—The Alwynton has arrived at the London Docks with 125 tons of copper ore for the Yudanamutana Mining Company of South Australia. The Lubra arrived at Port Adelaide on Jan. 23 from Port Augusta, with 1400 bags of copper ore from the Yudanamutana mines; and the Sea Snake sailed from Port Augusta for London, on Jan. 24, with 200 tons of copper ore for account of the same company. The Sebastian has also arrived in London with 20 tons of ore for pany. The Sebastian has also arrived in London with 20 tons of ore for the Great Northern Copper Company. A vessel with 85 tons of ore for the latter company arrived last week.

WEATHER PREDICTIONS.

TO THE EDITOR OF THE MINING JOURNAL.

SIR,—In my letter in the Journal in January I stated the winter would be very mild throughout. Well, we have passed through the winter season without either frost or snow. Spring has commenced in the character I foretold. In our climate, during the early part of our spring seasons, we almost invariably experience some light frosts, and this year will prove no exception to the general rule. But, notwithstanding this, the spring season will be favourable tor the crops. During the April month the weather will be rather changeable, with one or two light falls of sleet, but these will be of brief duration; but fine growing weather in May.

With regard to the immediate future: winds more of less strong will occur about the 22d and 23d, and again about the 27th, 28th, and 29th, and some wind on the 1st and 2d of April. The weather will be generally un-

occur about the 22d and 23d, and again about the 27th, 28th, and 29th, and some wind on the 1st and 2d of April. The weather will be generally unsettled, with hail during these dates. From about the 28th to the 31st some heavy rains and floods will occur in England. Some short time ago I announced the approach of a comet, which ought to have been discovered by this. A second comet is now approaching the sun, both of which will, death the whole desired agreement. no doubt, shortly be discov GEORGE SHEPHERD, 26, Throgmorton-street, March 21. Author of the "Clims

GUNPOWDER AS A SUBSTITUTE FOR STEAM.—An invention has been provisionally specified by Mr. John Macintosh, of North Bank, Regent's ark, which is intended, when required, to dispense with the time occupied a first generating steam of sufficient pressure to put machinery in motion. park, which is intended, when required, to dispense with the time occupied in first generating steam of sufficient pressure to put machinery in motion, and to give increased power and velocity to steam-vessels; also instantly to obtain power to work fire-engines, and consists in the rapid generation of power by the aid of oxygenous fuel, composed either of coke, coal, and nitrate of potash, or coke and uitrate of potash. In some cases sulphur may be used, or the chloride of potash; and, if desired, put into form with adhesive substances, such as mineral or vegetable pitch, resin, paraffin, gutta percha, caoutchouc, or glue. The prepared fuel is put into closed tubes, or furnaces, with valves for the escape of the gaseous products of the combustion, which may be used alone or in combination with steam, air, or other fluids, in giving motion to machinery. This oxygenous fuel may be put into ordinary steam-boilers, which fuel, when ignited, instantly produces power to give motion to engines, or it may be used for other purposes where power is required as an auxiliary.

Now ready, price 6s., or 78 postage stamps, Mr. Thomas Tapping of Collegery and Ore-Mine Inspection and Truck Acts. The work the Collidery and Ore-Mine Inspection and Truck Acts. The work can be had from the Mining Jorenal office, 26, Fleet-street.

Now Ready, price 30s., with TITLE-PAGE and INDEX, the THIRTY-SECOND VOLUME of the MINING JOURNAL, for the year 1862.

- which will enable us to publish, among other matters—Mr. George Henwood on the Gourock Sandstone Copper Mine—Mr. C. Leicester (Melbourne) on Extraction of Gold and the Reduction of Quartz by a Dry Way—Mr. J. Naysmith on Coal Working in South Wales—a Letter on the Manchester Geological Society—the Caradon and Ludcott District: No. II.—the Yudanamutana and the Burra Burra—English Mining Machinery—Mr. Ross on the Working of Coal Mines.
- English Mining Machinery—Mr. Ross on the Working of Coal Mines. With last week's Journal a Supplemental Sheet was given, in which appears Papers on Mines and Minerals of America—Sandstone Copper Mines; Mines and Mining in Mexico; Processes of Mining in South America; Mining in California—Annual Review; Quicksilver; Coal and Iron in France; Mineral Oil as Fuel; Literary Notices; Machinery for Ventilating Mines; Rope Wheels, Cages, and Tanks for Mines; Tube Proctector for Multitubular Boilers; Treatment of Alumina; Manufacture of Iron; Bituminous Cement; Ganpowder; New Water-Pressure Engine; Solid-drawn Iron and Steel Tubes; The Tin Trade; Prices of Materials.
- The Tin Trade; Prices of Materials.

 With the Journal of Feb. 28 we gave a Supplemental Sheet, which contains—Processes of Mining in South America; Remarks on the Edmund's Main Colliery Explosion (paper read before the Manchester Geological Society, and discussion thereon); the Coal Mine Inspection Act and its Working—the Government Inspectors' Difficulties; the Inventors' Institute—Report of Inaugural Meeting; Rope Wheels for Mines; Miners' Association of Cornwall and Devon; the Carboniferous Rocks of Westmorland; Utilisation of Waste Products in the Manufacture of Iron; New Gun Metal; Ward's Signal Telegraph; Purification of Coal Gas; Rolling Wire and other Rods; Texture of Copper; St. Just Consols Mining Company prospectus (illustrated); Foreign Mining and Metallurgy; Prevention of Colliery Accidents (illustrated), by Mr. James Rae; Ironworks in America, &c.

The Mining Market; Prices of Metals, Ores, &c.

1		MET	AL MARKET-London, March 20, 1863
COPPER, £	8.	d.	BRASS, Per. ib.
t selectedp. ton 92	0	0	Sheets 8%d9%d.
gh cake , 89	0	0	Wire 844d 9d.
m 89	0	0	Tubes 10 14d1134d.
ra Burra " 95	0	0-96 0 0	POREIGN STEEL. Per Ton.
per wirep. lb. 0	1	01/4	Swedish, in kegs (rolled) 15 10 0
itto tubes 0	1	0	" (hammered), 16 0 0-18 0 0
athing & bolts p.ton 96	0	0	Ditto, in faggots 17 0 0-18 0 0
toms 101	0	0	English, Spring 18 0 0-23 0 0
(Exchange) 82	0	0	Bessemer's, Engineers Teol 44 0 0-
			. Spindle 30 0 0-
IRON.	P	er Ton.	QUICKSILVER 7 9 0 p. bottle
s, Welsh, in London. 6	5	0- 6 10 0	Colombia 1 o o p. nottle
to, to arrive 6	5	0	SPELTER. Per Ton.
1 rods 7	0	0	Foreign
Stafford, in London 7	10	0	To arrive 18 5 0
ditto 7		0-8 00	ZINC.
ops ditto 8	7	6-8 10 0	In sheets 23 5 0
ets, single 9	5	0-9150	
No. 1, in Wales 3	10	0-4 0 0	TIN.
ned metal, ditto 4	0	0-5 0 0	English, blocks119 0 0
s, common, ditto 5	10	0- 5 15 0	Ditto, Bars (in barrels) 120 0 0
to, merchant, in Tees 6	10	0	Ditto, Refined
	12	6	Banca
to, Swed. in London, 11	15	0-12 10 0	Straits
	15	0-12 10 0	TIN-PLATES.*
No. 1, in Clyde 2	14	6-3 00	IC Charcoal, 1st qua, p. bx. 1 8 0- 1 8 6
to, f. o, b, in Tees 2	8	0- 2 10 0	
to, forge, f.o.b. in Tees 2	5	0- 2 10 0	
fordshire Forge Pig.		0	
nordaniie roige rig.	-		
LHAD.			10 00000 111111111111111111111111111111
glish Pig (WB) 23	0	0	
to ordinary soft 20	15	0-21 0 0	
to sheet 21	10		In London; 20s. less at the works.
to red lead 21		0-21 15 0	Yellow Metal Sheathing .p. 1b. 81/4181/4d.
to red lond 21	10	0-21 15 0	Sheetsp. lb. 73/d8d.
to white 26	0		to the officered Disch
to patent shot 23	15	0-24 0 0	in London 6 13 6- 6 15 0
nish 20	0	0-20 15 0	
· At	ne	works, 1s. to	o ls. 6d. per box less.

Barr Hoo Shee Pig. Refi

-Without exhibiting any of the unhealthy excitement which has generally characterised the brief periods of activity that have occurred every now and then during the past year or so, a considerable amount of animation is visible in our market, and prices are for the most part well sustained. Orders from India are steadily increasing by each successive mail, which shows that the large stocks resulting from the excessive shipments of previous years are now sensibly diminishing. Japan now begins by degrees to figure in the exports of metals, and the continental demand continues good. Upon the whole, the prospects of a good steady spring trade have improved.

by degrees to figure in the exports of metals, and the continues good. Upon the whole, the prospects of a good steady spring trade have improved.

COPPER.—English remains without alteration in price, but very firm at fixed rates. More orders have been given out during the week, buyers being obliged to content themselves with distant deliveries. Foreign is quiet, but tolerably steady at quotations. Burra Burra, 94l. 10s.; Kapunda, 96l.; Chili, 83l.; Spanish, 87l.

Yellow Metal.—In good ordinary request at about 8½d. for sheathing, and 7½d. to 7½d. for braziery sheets.

Iron.—Railway bars not much in demand; quotations unaltered; merchants' bars dull, and a trifle easier in price. 5l. 12s. 6d. in Wales, 6l. 5s. delivered f.o.b. in Thames. Staffordshire descriptions are in good steady request for shipment at full prices. Swedish bars are in very limited supply, but owing to a trifling demand only existing, prices have not yet advanced, but higher rates are almost certain to follow any increase in demand. Ordinary specifications, 11l. 15s.; fine sizes, 12l. and upwards. Scotch pigs have declined almost continuously throughout the week, market closing rather more steadily at 51s. 4½d. cash, 52s. three months, mixed numbers.

Spelter.—Market very inanimate; sellers quote 18l.; buyers very difficult to find.

Lean.—English rig. ordinary soft quality, easy at 20l. 17s. 6d.; W.B.

LEAD.—Euglish pig, ordinary soft quality, easy at 201. 17s. 6d.; W.B. exceedingly firm, buyers at 23l., in very limited supply. Rather more enquiry is manifested for sheet, shot, and pipe. Spanish pig, 20l. to

201. 10s.

Tin.—English very firm at full rates. There is some talk of an advance being made. In foreign there has been a large business doing. Fine Straits has realised 1231. cash, and 1241. 10s. three months. Banca quoted 121. 6s. here; sales reported in Holland at 75 fl. It is generally expected that still higher prices will be obtained.

Tin-Plates have been further strengthened by the upward move in the raw material. Sellers now ask 22s. 6d. to 23s. for I.C. coke, first auslits.

quality. STEEL.-Swedish keg sold during the week at 151, 10s, to 151, 12s. 6d.

Boston, March 2.—No transactions in Sydney and Pictou Coal, and the market is nominally the same as last reported. In anthracite steady retail sales at \$\$ per ton. Pig-iron is firm, with further sales of Gartsherric and other brands, Scotch No. 1, at \$\$40 to \$\$42 per ton, cash and four months. American pig is firm at \$38 to \$\$40 per ton, cash and four months. Bar and sheet-iron are firm at our quoted prices. NEW YORK MARCH 4. The coal market for domestic is dull, and ti

ownward, with large arrivals. The large public sale of 34,000 tons Scranton, place last week, was as follows:—3:00 tons Chestnut, at \$5.57½ to \$5.92½; tore, at \$5.570 to \$5.92½;

LEEDS, MARCH 19.-Mining Shares continue depressed, and dealings wave been limited, previous quotations having been harely maintained. Brea Consol and North Jane have receded in price, owing to the expectations held out to the share olders not being realized. Wharfields and Hobben Moor are enquired for, at ad

LEEDS, MARCH 19.—The Mining Market has been exceedingly firm luring the past week, and a large business has been done in several mines n Wheal Frudence and Cornubia. These two are first-class concerns, and w the attention of investors and speculators.—E. Broox, Mining Broker, 5, Br

Coal Market.—On Monday, the northerly wind brought 123 fresh ships for market, and the weather being cold there was a brisk demand for house coal, at an advance of 1s. per ton in prices. Hartley's improved 6d. per ton, manufacturers' without alteration. Best house coal, 17s. to 18s.; seconds, 15s. to 16s.; Hartley's, 13s. 6d. to 14s. 6d.; manufacturers', 12s. to 14s. per ton.—On Wednesday, only 21 ships arriving, and the weather continuing cold, the few house coals found a ready sale, at a further improvement of 6d. per ton; Hartley's also advanced 6d. per ton; manufacturers' without variation.—On Friday, only five fresh ships arrived, but the weather having again become mild the tone of business was dull, and prices of house and steam coal 3d. per ton lower; manufacturers' firm, at previous value. Haswell Wallsend, 17s. 9d.; Heugh Hall Wallsend, 15s. 6d.; Davison's West Hartley, 14s. 9d.; Bebside West Hartley,

We shall give a Supplemental Sheet with next week's Journal, 14s. 9d.; Lambert's West Hartley, 14s. 6d.; Bute's Tanfield Moor, 12s.: 2 cargoes unsold; 190 ships at se

> The settlement of the fortnightly account in the MINING SHARE MARKET has occupied the attention of the dealers almost the entire week; and so far as North Roskear is concerned, is not nearly over, and it may be some days before the shares cease to be subject to market influences. The most remarkable feature of the week, however, is a fall of 36,000% in East Caremarkable feature of the week, however, is a fall of 36,000%. in East Caradon, owing to causes which will be referred to under its proper head. Many other shares, also, have been weaker, and more freely offered than usual, and, on the whole, the market is far from being in an active state, and we shall not be surprised to see a little lull after the activity and excitement of the past three months. East Basset, Cook's Kitchen, Great Wheal Fortane, Clifford, Seton, Wheal Edward, Wendron Consols, South Caradon, Pendeen, Wheal Basset, Tincroft, and Calvadnack shares have kept firm, and for the most part advancing. East Caradon shares have seriously declined, and leave off 40½ to 41; they left off last week 45, and opened on Monday 44; on Thursday moraing opened 42½ to 43, buyers, but on a telegram arriving at 3 o'clock, with the announcement that the sale of ores realised under 3000%, a drop to 40 took place; but while, however, the small amount of money, in comparison, received for this and the ever, the small amount of money, in comparison, received for this and the previous sampling may reduce the dividend next month to 17s. 6d. instead of 1l. per share, is not much regarded by those connected with the mine, of 1L per share, is not much regarded by those connected with the mine, as they explain that for some time past they have been putting down new pitwork from surface to the 70 fm. level, and in consequence the samplings have chiefly been made up with ores of low produce taken from the backs of the shallow levels. The latest report values the 70 cast at 55L per fm; the 70 west, 20L per fm; the 60 cast, 15L per fm; the 50 cast, 80L per fathom; the new lode, in the 70 cast, 15L per fathom; the 70 west, 5L, per fm. Copper Hill shares have kept from 82½, 87½, to 80, 82½, which is a fall altogether of about 4000L, owing to the report we alluded to last week, in reference to the purser's selling shares, which we then contradicted (and have since had our contradiction cofirmed); and also owing to an adverse report, which has been very freely circulated; as we said, however, last week, our information was official, and time must show who will have acted the wisest—those who sell now, or those who hold on. to an adverse report, which has been very freely circulated; as we said, however, last week, our information was official, and time must show who will have acted the wisest—those who sell now, or those who hold on. We remember when, a very few years ago, we called attention, week after week, in this article, to the chances of cutting a course of ore in East Basset, there was scarcely an agent in the district who spoke well of the mine. One told us, indeed, that he would eat all the ore ever discovered; and the consequence was that, within a few weeks of these unfavourable reports, when the ore was found, and shares rose rapidly from 70L to 250L each, the chief part of the mine was in the hands of out-adventurers, who reaped their reward; and the local agents and their friends at once purchased at the high prices. Now, we are not going to say, and we have never meant to infer, that that there is a certainty of the same results in Copper Hill; but we endeavoured to show that the course of ore which, in three years, in East Basset, yielded a clear profit of 53,248L, was driven home to the boundary of Copper Hill, worth 70L per fathom; and that in Copper Hill the top of this bunch had been driven or skimmed over for 50 fathoms in length, at times very rich, and at others very poor; and that a winze was about to be sunk into it to prove its value in depth. Herein lies the speculation; and the whole market value of the mine (256 shares, at 80L each) being 20,480L, or 10,000L less than the fall alone in East Caradon in one week! On the other side of Copper Hill, and on the same loads is Whasl Buller in fact Conner Hill was cripinally a part of Wheel leads is Wheal Buller in fact Conner Hill was cripinally a part of Wheel Caradon in one week! On the other side of Copper Hill, and on the same lode, is Wheal Buller; in fact, Copper Hill was originally a part of Wheal Buller—shares in which we well remember rising from 10l. to 2000l. each;

lode, is Wheal Buller; in fact, Copper Hill was originally a part of Wheal Buller—shares in which we well remember rising from 10t. to 2000l. cach; and in a few years the mine paid a clear profit of 244,678l.; the mine is thus directly between East Basset and Buller, and we must now leave our readers to judge for themselves how far Copper Hill appears to be a good speculation, and how far it is worth the risk of 100l. per share. We may add, however, that before the extraordinary riches of Buller were suddenly found, inspecting agents, and even the miners working on the lode, considered it too unpromising for ore.

Wheal Mary Ann, 16 to 16½; at the meeting on Tuesday the accounts showed a profit on the quarter of 583l. 19s. 2d., and a dividend of 10s. per share (512l.) was declared, leaving 2127l. 1s. 11d. in hand. The mine is producing about as much as usual, and on the 11th sold 50 tons of silveriend for 27l. 7s. 6d. per ton. Calvadnack shares leave off firmer, at 10 to 10½; Caradon Consols, 18 to 20; Cargoll, 45 to 47½; Central Minera, ½ to 1; Clifford Amalgamated, 21 to 22. Cook's Kitchen shares, which had become flat at 26 to 27, have improved, and leave off 28½ to 29½. Condurrow, 90 to 100; Drake Walls shares firmer, at 2½ to 2½. East Basset shares have been largely dealt in, and leave off 84 to 86. East Carn Brea, 8½ to 8½; East Russell, 4½ to 4½; East Wheal Grenville, 48s. to 50s. Grambler and St. Aubyn, 15 to 17; the bottom end has not yet reached the run of ore ground, but must be getting near it. North Basset, 4½ to 4½; the lode in the winze under the 92 is 4 feet wide, worth 2 tons per fim. Great South Tolgus, 5½ to 6; at Lyle's shaft, sinking below the 140, the lode is 5 feet wide, and not so much tin; the winze below the 80 is worth 14 ton of copper. South Carn Brea, 84 to 44 to 44 to 44 to 46 to 4 the run of ore ground, but must be getting near it. North Basset, 4\frac{3}{2} the lode in the winze under the 92 is 4 feet wide, worth 2 tons per fm. Great South Tolgus, 5\frac{3}{2} to 6; at Lyle's shaft, sinking below the 140, the lode is 5 feet wide, and not so much tin; the winze below the 80 is worth 1\frac{1}{2} ton of copper. South Carn Brea, 4\frac{1}{2} to 4\frac{3}{2}; the north lode in the 68 is worth 45L per fathom for tin; the stopes in back of the 60 are worth 30L per fm. Great Wheal Fortune, 37\frac{1}{2} to 8\frac{3}{2}; the north lode in the 68 is worth 45L per fathom for tin; the stopes in back of the 60 are worth 30L per fm. Great Wheal Fortune, 37\frac{1}{2} to 8\frac{3}{2}; the 18\frac{3}{2}; Merllyn, \frac{1}{2} to \frac{3}{2}; North Crofty, 4\frac{7}{4} to 5. North Dolcoath shares in request, at 3\frac{3}{2} to 2\frac{3}{2}. Wheal Agar, 4\frac{1}{2} to 5. North Dolcoath shares in request, at 3\frac{3}{2} to 2\frac{1}{2}. Wheal Agar, 4\frac{1}{2} to 5. North Dolcoath shares in request, at 3\frac{1}{2} to 8\frac{1}{2}; South Caradon, 420 to 430. At Wheal Edward meeting the accounts showed a balance against the mine of 244L 12s. 10d., and a call of 2s. 6d. per share was made. The agent considers the new south lode an important discovery; the lode is 5\frac{1}{2} feet wide, worth 40L per fm. Wheal Kitty St. Agnes, 4\frac{1}{2} to 4\frac{1}{2}; the sales of tin for the month have been 15\frac{1}{2} tons, for 1031L 18s. 7d. The ends are looking well on Pryor's lode. At East Rosewarne the lode in Hallet's shaft has improved. The 55 west is worth 30L per fm. Wheal Harriett shares have been largely dealt in, but leave off not so firm, at 3\frac{1}{2} to 3\frac{3}{2}; the lode in the 115 continues so small that the agent thinks the main part must be north, and a short cross-cut has been set to test it. The stopes are worth 60L per fathom for tin. St. Day United, 9s. to 10s.; Billing's shaft continues worth 80L per fm.; the winze below the 164 east 35L per fm.; the process of the continues worth 80

chins calculates that from 3 to 4 tons of tin may be ready for sale in a few months; while operations on the Drake Walls and other lodes, it is hoped, may lead to good discoveries. The agent of Wheal Crebor considers that the three points in operation will, before the present subscribed capital is spent, pay;the costs of working. Wheal Basset, 80 to 85; Wheal Buller, 63 to 65; Wheal Grenville, 5½ to 5½; Wheal Grylls, 32½ to 33½. Wheal Ludcott shares have been flat, and leave off 6½ to 6½. Wheal Margaret, 33 to 35; Wheal Seton, 247½ to 252½; Wheal Trelawny, 17 to 18; Wheal Union, 4½ to 5½; Wheal Uny, 6½ to 7; Wheal Crebor, 25s. to 27s. West Basset, 12 to 13; we understand that no dividend will be paid at the meeting on the 25th, the company having been called upon to pay the costs and award of Capt. C. Thomas, in the action of Reynolds (South Frances) v. Buckley (West Basset). The plaintiff's cost originally charged to the latter were 13141. 11s. 7d., and taxed down to 7401. 9s. 7d. The total amount of cost and award is 17521. 1s. Basset and Grylls, 27½ to 28½, and a large business doing.

The North Delabole Slate and Slab Company, with a capital of 50,000l., in shares of 5l. each, has issued its prospectus, which will be found in another column of this day's Journal. The object of the company is to work the North Delabole, Bowithick, and Trenouth Quarries, near Camelford, one of which is at present in a very profit belonger to work in the other. the North Delabole, Bowithick, and Trenouth Quarries, near Camelford, one of which is a present in a very profitable state of working, the other two being the adjoining properties. It is estimated that the working quarry will yield 250,000% of slate, and practical authorities state that the vein is prolonged into Trenouth. The leases, plant, machinery, and buildings are to be acquired for 13,000%, of which one-half is to be in paid-up shares, not entitled to dividend until the others have received 5 per cent. Capta. Ennor and Tinney report very favourably upon the property. There is a good stream of water on the property, and, in addition to this, there is a arge valley, where rubble, &c., could be deposited. Captain Ennor state that the slate is of the very best quality, even superior to that produced at Old Delabole, and that there are shipping ports very near the property from which slate in any quantities may be exported. Capt. Tinney estimates that the cost of raising, manufacturing, carriage to shipping place, &c., would be about half the value of the slate. Without extending the works 284,000% worth of slate may be laid open for 8000%, but any amount of capital may be profitably employed; the amount of annual profits will depend on the number of men employed, and the percentage will always be about the same upon any capital invested.

The West of England Coal and Iron Company, with a capital of 100.000%.

The West of England Coal and Iron Company, with a capital of 100,000 l, in shares of 5l, each, is in course of formation upon the limited liability principle, for the purpose of working several promising mines in the Forest of Dean. The collieries extend under about 400 acres, calculated to contain 4,500,000 tons of good house coal; and the iron mines extead under 300 acres, and are calculated to contain 27,000,000 tons of good hematite sen ore. Fire-damp is unknown in the Forest of Dean, and no record of explosion exists. The company can purchase the leases together with all the plant and machinery at present on the works, as well as two extra engines, fittings, pit-frames, ropes, and buildings necessary for the extension of the operations for 15,000 t, the vendor agreeing in the event of the collieries being taken by the company to place them in a position to deliver 600 tons of coal per day within twelve months, the entire cost of which he is to bear. Two-thirds of the purchase are payable in cash, by instalments, and the remainder in paid-up sharcs. ments, and the remainder in paid-up shares.

IRISH MINE SHARE MARKET. - Business in mining and other securities is returning but slowly after the recent lull consequent on the merry-making in honour of the Prince and Princess of Wales, and St. Patrick. Holders of mining shares of the smaller description being particularly firm, and buyers desiring to purchase at an advantage; but few transactions are noted for the account, and prices for eash remained nearly at last week's closing containing. quotations. Connorree shares opened on yesterday week, the day after the general meeting of shareholders, at 20s.; but some shares being pressed on the market, they became weaker, and on Tuesday fell as low as 18s. for cash, and 18s. 6d. to 19s. for account. From this low figure they have recash, and 18s. 6d. to 19s. for account. From this low figure they have recovered, and are now in fair demand again at 20s. General Mining Company for Ireland shares are flat, and there is but one quotation for the week, at 5l. (4l. paid.) Mining Company of Ireland shares were most in request, and remarkably steady, both for cash and account, at last week's price of 19l. 12s. 6d. (7l. paid). Wicklow Copper shares being rather of too heavy a description for small investors, experienced a reduction, and were done at 40l. for cash, at which price more would be bought. Carysfort shares, fully paid up. are firm at 44s. 6d. Those of 1l. paid brought 21s., and rose during the week to 21s. 6d. It is rumoured that this company has an excellent chance of deriving considerable profits from gold, provided rose during the week to 21s. 6d. It is rumoured that this company has an excellent chance of deriving considerable profits from gold, provided their mode of operations be in accordance with the views of the mining engineers who have had practical experience in the treatment of gold quartz and gold-bearing alluvial deposits. There is also, since the recept change in the working system of the mines, a return to confidence in the value of this company's Ballintemple lead mine, which appears to be well founded. We learn on good authority in the neighbourhood that in the 30 south, and only 12½ fms. from shaft, there are three ribs of lead ore likely to unite in going into depth, and that the produce from this end has improved from 12 to 14 cwts. of good silver-lead ore per fm. The winze sinking from the 26 produces about 25 cwts. per fathom, or, for its length of 10 ft., nearly 2½ tons per fm. of sinking. About a year ago the southern part of this lode was nearly neglected, no ore having been seen in the upper levels south of shaft; but now the prospects in the 30 south are very promising. The engine-shaft is down a sufficient depth to commence a 40 fm. level, which, from the encouraging appearance in the 30, we presume will be started shortly. The deep adit (Moneyteig Hill) will come in fally 50 fms. from surface. At Ballysyllogue the progress of the work is good, but the lode still poor.

still poor.

At Truro Ticketing, on Thursday, 5710 tons of ore were sold, realising 24,600*t*. 10s. 6d. The particulars of sale were:—Average standard 119. 4s.; average produce, 5½; average price per ton, 4*t*. 6s. 0d.; quantity of fine copper, 338 tons 1 cwts. The following are the particulars:—

Date. Tons. Standard. Produce. Price per ton. Ore copper. Peb. 19. 5101 £129 20 556 £4 0 6 £71 6 0 20 £71 6 0 20 £71 6 0 0 26 £71 6 0 2

and in the price per ton of ore about 9d.

At the Wheal Mary Ann meeting, on Tuesday (Mr. Peter Clymo in the it;), the accounts for the three months ending December showed—Balance last audit, its, accounts for the three months ending December showed—Balance last audit, its, accounts a subject of the state of

At the Great Wheal Vor United meeting, on Wednesday (Mr. George Reakes in the chair), the accounts made up to the present time showed a credit balance of 2991. A dividend of 14471. (5s. per share) was declared, and a balance carried to the credit of the next account of 1514. Details in another column.

At the Wheal Edward meeting, on Thursday (Mr. J. Rowlands in the chair), the accounts showed a debit balance of 2441. 12s. 10d. A call of 2s. 6d. per abare was made. Details in another column.

At the North Laxey Mine (special) meeting, on Monday (Colonel Lazalgette in the chair), the cost account from Jan. 20, 1882, to Feb. 2, 1863, showed a balance in hand of 1057. The liabilities exceeded the assets by 931. 5s. 7d. Details in another column.

At the Wheal Uny meeting, on Wednesday (Mr. P. L. Hinds in the it), the accounts for the three months ending with January cost showed a debit base of 1534. 3s. 11d. Messrs. Hinds, W. Betteley, and J. Hocking were appointed the multips of management.

see of 1831. 8s. 11d. Measrs. Hinds, W. Betteley, and J. Hocking were appointed the smittee of management.

At West Devon Consolidated Copper Mining Company extraordinary seral meeting, on Tuesday (Mr. Thomas Winkworth in the chair), held to confirm a resolution passed on Feb. 24, authorising the board to issue 10,000 shares, at 10s. each, sich was unanimously affined, a overwration ensued, in course of which the Chairs and that as more than 160s somewhat had already been applied for, it was pretty substant and the proposition was officially substituted to the proprietors and that are more than 160s somewhat as to obviate the necessity of offering any of on to the public. Mr. Corps said he had made private enquiry as to the prospects of mine, and was told that in the event of the present holders being willing to part its wine the proposition of the proposi

l., n-rk

urse of the productive lode of which is stated on good authority to be into West.

even and a portion of the north lode, the shares had recently advanced from a nominal
tee to 45s. and 50s. per share. The usual vote of thanks to the Chairman was then
seed, and the meeting separated.

At West Condurrow Mine meeting, on Monday, the accounts for the
rea months making, Dec. showed a debt believe of 558t. 4s. 5d. A call of 9s. 3d. per

At West Condurrow Mine meeting, on Monday, the accounts for the three months ending Dec. showed a debit balance of 5591. 4s. 5d. A call of 9s. 3d. per share was made. The sum of 101, was presented to the widow of the late Capt. George Jewell, as a mark of respect to his memory, and Capt. Francis Gilbert was appointed underground agent in his stead, at a salary of 71.7s. per mouth. Captains Bennetts and Gilbert reported upon the various points of operation.

At East Wheal Agar meeting, on March 13, the accounts showed a debit balance of 10311. 11s. 8d. A call of 30s. per ahare was made.

At the Maudlin Mines general meeting, yesterday (Mr. R. McConnell in the chair), the liabilities over assets for the three months ending January amounted to 4751. 16s. 6d. A call of 3s. per share was made. The agent's report was deemed very encouraging, and favourable results were confidently anticipated from intersecting the great lade west of the greenistone, which is expected to take place in a month fron this date. Mr. W. Page Cardozo was appointed purser.

At the North Hafod Silver-Lead Mine (adjourned special) meeting, on Tuesday (Mr. Thistleton in the chair), the reports were read of Capts. Williams and

At the North Hafod Silver-Lead Mine (adjourned special) meeting, on Tuesday (Mr. Thisteton in the chair), the reports were read of Capis. Williams and Ennor, who had been specially requested to inspect the mine, and an offer made by the proprietors of the Nanteos sett to amalgamate with North Hafod. A committee was appointed to enforce the immediate payment of all calls due from the shareholders, discharge the debts of the company, and do whafover they may deem necessary in their opinion for the benefit of the company, and disc to consider the propriety of the amalgamation of this company with the Nanteos Company, and if considered beneficial to make the best terms they can for that purpose.

At the Leeds and St. Aubyn Mine meeting, on March 11, the accounts showed a debit balance of 11201, 2s. 11d. A call of 23s. per ahare was made. Captain John Curtis reported that an important lode had been discovered, from which successful results were anticipated.

At the Caradon Vale Mine meeting, on Wednesday (Mr. S. Beisly in the chair), the accounts for the seven months ending December showed a credit balance

the chair, the accounts for the seven months ending December showed a credit balance of 44521. 16s. 3d. Capts. Barkell and Johns reported upon the various points of operation. They have every confidence that in sinking deeper, so as to lay open the ground on the different lodes, the mine will at no distant period prove a most valuable property

INVESTMENT.—MR. THOMAS SPARGO, STOCK, SHARE, and MINING BROKER, Nos. 224 and 225, GRESHAM HOUSE, OLD BROAD STREET, LONDON, E.C., publishes, every Wednesday, a GUIDE to BRITISH and FOREIGN MINING, and OTHER INVESTMENTS, which should be consulted by all capitalists. Post free on receipt of six stamps.

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Business at all times in Providence, East Providence, Margaret, Kitty (Lelant) Trencrom. St. Ives, Trelyon, Rosewarne Consols, Rosewall Hill, &c.

MR. EDWARD BREWIS, STOCK, SHARE MINING BROKER. (ESTABLISHED 1887.)
OFFICES,—49, GREY STREET, NEWCASTLE-ON-TYNE. SHARE, AND

GREEN SLATE.—We understand that a company is in course of formation, by Mr. Lee Stevens, for working green slate quarries at Llanfair, Merionethshire, under more than ordinarily advantageous circumstances. Hitherto, we believe, the thickest vein of green slate quarried in Wales has not exceeded 10 yards in transverse measurement; but the peculiarly valuable stratum at Llanfair is stated to be at least ten times as thick, the width being estimated to exceed 100 yards. Whilst the demand for blue slate is generally in excess of the supply, the absolute want of green slate is so great for Government and other first-class buildings, that contractors are driven to the use of every expedient to forestall the market. In a letter we have seen from one of these hardly-driven firms, it declared that they are unable to get more than a single cargo a year, whilst they could sell ten cargoes annually with great case and profit. They say further:—"There was a cargo of about 100 tons arrived at Chatham has tweek (written underdate of March 13), for which the merchant had been waiting eight months; and the only terms upon which we could get the slates were by giving 1001, on the invoice price, and paying the freight." Assuming that other dealers in green slate are quily pressed for supplies, the Llanfair vein of it, however preponderately larger than others, will go but in part towards furnishing the requisite supplies; and there remain but two preliminary considerations, the time required to get the quarry into full working condition, and the cost or facility of shipping. These questions, we find, are promply answered. Both the veins of green and blue slate rise to a considerable allitude above the level of the least, through which the produce may be soon and inexpensively attained; and the shipping-place of Pen-y-sam being within less than a mile of the quarries, the slate can be conveyed on board at laper ton. Under these circumstances we anticipate that the preliminary private subscription for shares, which we are told is i GREEN SLATE .- We understand that a company is in course of forma-

public invited to complete the capital in the usual manner.

IMPROVED ORE DRESSING MACHINERY.—We have already referred to the improved spalling and separating machinery, invented by Messrs. Smyth and Wasley, of the Cood Mawr Pool Mines, Llaurwas, and, from an advertisement which we publish in another column of this day's Journal it will be seen that the inventors are now prepared to offer facilities for the general use of the machine. The inventors observe that the attempts to stamp the gold quartz at the Clogau Mines are more likely to prove failures than otherwise, and that their patent "preparator" is the only machinery ever introduced to do the work effectually, and is the identical plan for reducing the quartz. The machine may be described as a series of small stamps working on a grid-shaped bed. The bed is formed of a series of cast plates about 14 in, deep, 2 in, wide on the top, and narrowing downwards with wrought-iron steeled edged bars on the top for the hammers to work upon. The stuff is separated with great facility into various sizes, and the picking, jigging, or crushing may then be much more speedily effected.

New Railway Mars.—A series of well-executed maps, showing the

then be much more specifiy effected.

NEW RAILWAY MAPS.—A series of well-executed maps, showing the lines of railway constructed and in course of construction, as well as those proposed by the bills of the present session, has just been issued by Messrs. Day and Son, of Lincoln's Inn-felds. The authorised lines which belong to or are leased to each company are distinguished by a particular colour. The width of gauge is also shown by a judicious and ea-thy distinguished character of line, and altogether they convey every information likely to be required by those consulting them.

NORTH SOMERSET COAL PIELD.—The coalowners and colliery proprie-tors in North Somerach have now some prospect of obtaining railway is skillites, for which they have so long struggled, a select committee of the House of Commons having de-clared the preamble proved, and passed the clauses of the Bristol and North Somerset Railway bill. This line, when constructed, will open a direct communication between Bristol and the coal works at Paulton, Camerton, Radstock, &c.; and, as may be ima-gined, the receipt of the intelligence of the passing of the bill was greeted with the most intense rejoicings in those districts.

ASHTON VALE IRONWORKS, NEAR BRISTOL.—The smelting furnaces at orcurred at the works on Thursday, by which a man named George Stone lost his life. Deceased was engaged in filling the furnace with metal, the fire having been previously lit, and the blast put on. He was at the mouth of the furnace shovelling in the metal, when he was overpowered by the gas emitted from below, and sell headlong into the burning mass. A ladder and ropes were instantly procured, and the foreman, Mr. Williams, at the peril of his own life, descended the furnace, and with some difficulty recovered Stone; but he was quite insensible, and died before reaching the Bristol Hospital. An Inquest has been held on the body, and a verdict of "Accidentally Suffocated" was returned.

THE GREAT DEVON AND BEDFORD (COLCHARTON) COPPER MINING THE GREAT DEVON AND ISEDFORD (COLCHARTON) COPPER MINING COMPANY (LIMITED).—The share list of this company is announced as re-opened for a further allotment of shares, but will be finally closed immediately the manager, Capt. G. Richards, enters upon his duties at the mine, on May 1. This step has been adopted at the wish of the shareholders at their first ordinary general meeting, held on the 9th inst, and is intended to have the effect of allotting the proportion of subscribed shares required for placing the project upon the Stock Exchange, and to lessen the amount of future calls. Great condicience is felt in the undertaking, and this is strengthened by discoveries alone the first issue. One of the saveral rich lodes passing through the property, and now being worked by the Fortescene or West Maria Company, to the weat, is showing a most productive result at a depth of under 20 fms.

TEA TREAT BY A MINE AGENT .- On Tuesday, the 10th inst., Capt. n Teague, of Tincroft mins, gave the surface labourers of this mine, and a few of from the villages of Tryjoran and Bres, tea and cake in a field near the mine, til being about 380—men, women, and children. This was not done at the expension, but given by Capt. William Teague himself.

MINE ACCIDENTS.—Capt. William reague himself.

MINE ACCIDENTS.—Capt. Vivian, of Pawton Iron Mine, near Wade-bridge, met with a serious accident. A portion of the holdfast gave way as he was descending the engine-shaft, and he fell 20 feet, falling very heavily on the middle of his back between the shoulders. Mr. Wilkins, surgeon, was immediately sent for, and attended to Capt. Vivian, who has received a severe shock. —John Chegwidden, miner, got his hand entangled in the mechanizary of the stance.

	LEA	D O	RES	3.			
Miner.	Sold on						
	Tons	. P	Lice	per	tor	la .	Purchasers,
Wheal Frank Mills	72		£14	8	6		Stock & Co.
	Sold on	the 16th	Ma	rch.			
East Logylas	120		12	19	0	****	Sims, Willyams, & Co.
Cefn Brwyno	42		13	6	0		ditto
East Darren	75		16	1	-61		Mining Co. of Ireland
Cwm Erfin	19	14	16	9	ä		Panther Co
ditto	10	(2	10	1 5	- 4		P. Michell & Con
Alaka	12	78	10				
ditto				8	U		ditto
	Sold on			reh.			
Dyliffe	32		13	8	6		A. Eyton.
ditto	32		13	8	6		Newton, Kentes, & Co.
Dyfngwm	18		13	3			
Cwmbyr	91		11				
C	41		3.6	0	0		ditto

BLACK TIN

				Sold on	the 14th	h March			
Mines.	Tons	c.	q.	the. Pr	toe per t	ion.	Amoun	t.	Purchasers.
Gurilyn	4	16	3	20 4	64 5	0	279 4	0-C	avandour.
Kitty (St. A	gnes). 15	14	1	23	-	****	1031 18	7-	
				Sold on	the 17th	h March			
Gr. Wh. Vot	T74d. 98	13	0	19	9		9059 1	-	

COPPER ORES.

Sampled February 28, and sold at Swansen March 17.

		'roduce.				Mines. Tons. Produce. Price	
Cuba	100	10%	£8	1	0	Laxey 67 614 £4 15	-
ditto	95	10%	8	2	0	Berehaven 124 1134 9 4	
ditto	8	67	50	7	6	Connorree 69 434 3 9	
ditto	90	1014	8	0	6	ditto 90 612 4 19	
ditto	86	936	8	0	6	ditto 4 59 46 7	
ditto	85	10%	- 8	4	0	ditto 4 36 28 1	
ditto	82	1012	7	18	0	Ballycummisk 14 2014 16 17	
ditto	77	1916	15	7	6	ditto 39 1056 8 2	- 6
ditto	7	67	49	7	6	ditto 31 534 4 7	i
Cobre	31	13%	10	12		Cronebane 3 18 14 0	-
						ditto 2 29 22 2	i
ditto	92	1256	10	12	0	Tigrony 3 1816 14 0	-
ditto	14	6114	45	0	0	ditto 2 29 92 0	- 6
ditto	12	14	11	0	0	Holyford 4 914 6 17	-
Laxey	80	6%	4	18	6	Wailaroo 2 19% 15 10	i
						RODUCE.	
Cuba	69	0 600	2.5	4	0	Ballyeummisk 84 6697 10	- 2

| Cobre | 252 | 3637 | 30 | Crockage | Laxey | 147 | 713 | 18 | 6 | Tigrony | Berelaven | 124 | 1140 | 19 | Holyford | Connorree | 97 | 603 | 14 | 0 | Waliaroo | COMPANIES BY WHOM THE ORES WERE PURCHASED.

Copper Miners' Company					
	. 130	*******	£ 919	5	0
Freeman and Co	. 119	*******	1151	0	6
P. Grenfell and Sons	. 265			16	6
Sime, Willyams, and Co	. 93			11	6
Vivian and Sons	431	14			0
Williams, Foster, and Co	248				0
Bankart and Sons	. 19				6
Neath Copper Company		1/2			0
		/#		40	_
Total	1340		£12,679	10	0
NO SALE on March 31.			214,010	40	0
AVERAGES.					
	Price.		Star	dar	4
British 91/2£					6
Foreign 131/2	0 12	8	90		0
Sale 1176 €	0 0	0	£ 00	10	42
Sale 1176 £				10	6
Totals-British, 466; Foreign, 874	=1340	tons (21 c		10	6
Totals—British, 466; Foreign, 874 AVERAGES OF LAS	=1340 F SAI	tons (21 c	wts.)		
Totals—British, 466; Foreign, 874 AVERAGES OF LAST Produce.	= 1340 F SAI Price.	tons (21 c	wts.) Star	ndar	d.
Totals—British, 466; Foreign, 874 AVERAGES OF LAS' Produce. British	=1340 F SAI Price. 9 2	tons (21 c	Star £ 97	ndar	d.
Totals—British, 466; Foreign, 874 AVERAGES OF LAST Produce.	=1340 F SAI Price. 9 2	tons (21 c	Star £ 97	ndar 14	d.
Totals—British, 466; Foreign, 874	=1340 F SAI Price. 9 2 17 11	tons (21 c	Star £ 97	ndar 14	d.
Totals—British, 466; Foreign, 874 AVERAGES OF LAS' Produce. British	=1340 F SAI Price, 9 2 7 11	6	Star . £ 97 . 90	ndar 14 6	d.

COPPER ORES.

d at the Royal Hotel, Truro, March 19.

Mines.	Tons.	Price.		Mines,	Tons		P	rice.	
Devon Great	Consols 137	. £1 6	6	Marke Vailey	30		£2	1	-
ditto		. 4 12	0	Hingston Down			2	11	-
ditto		. 4 12	6	ditto	71		3	3	
ditto		. 4 10	6	ditto	70		4	6	-
ditto		. 5 1	0		67		2	13	-
ditto		. 4 19	0		60		1	19	-
ditto		. 4 10	6		57		5	15	-
ditto		. 4 17	0	New Wheal Mart			1	1	-
ditto		. 5 0	0		58		0	17	1
ditto			Ö		44		9	14	-
ditto	96		6		36		1	3	
ditto	95		0				3	ĭ	
ditto	93		6	East Russell			4	î	i
ditto	91		0		45		-		-
ditto	84		0		43		3	9	-
ditto	80		6		40		9	8	1
ditto	79		0		18		4	13	
ditto	76		0				4	18	
ditto	72		0	Bedford United		****		13	
			0		91				
ditto				Holmbush			10	19	
ditto			6		50		10	8	
ditto	19		6		43	****	3	14	1
	1 90		6		41		3	2	1
ditto	******** 85 ***		0	Wheal Edward		****	4		1
ditto	80		6		57	****		18	
ditto	75		0		49		1	13	
ditto	******* 65		0	South Bedford				15	
ditto	60		6		74			13	
ditto	50		6		87		5	B	4
	es101		6		41			13	-
ditto	92		6		39			16	1
ditto	73		0	Wheai Emma	51		2	8	1
ditto	69		0	ditto	48		5	2	1
ditto	67		6	ditto	41		2	16	1
ditto	50	. 1 14	6	Wheai Friendship	76		2	13	1
ditto	48	. 5 15	6	ditto	54		11	2	-
Marke Valle	y 89	. 3 18	6	Brookwood	57		3	7	1
ditto	87	. 4 4	0	ditto	24		8	0	1
ditto	80	. 2 16	6	Wheal Vyvyan			1	18	4
ditto	74		6		17		9	8	-
ditto	******* 60		6	Fursdon			3	10	-
		TOTAL	P	RODUCE.;			-		ľ
Devon Gt. Co	ons 2071 £1		6	Wheal Edward	. 178		813	2	
	1 505						127	9	1
THE CHIRDS	***** 600 ****	word 0		COURSE LOUIDING					- 1

COMPANIES BY WHOM THE ORES WERE PURCHASED.

	Tons,	Amo	unt.	
Vivian and Sons			10	. 6
Freeman and Co		978	11	2
Grenfeil and Sons	. 533	2945	8	6
Sims, Willyams, and Co	. 722	3071	4	0
Williams, Foster, and Co	. 4731/4	3340	8	9
Mason and Elkington	. 51914	2242	14	47
Bankart and Sons	. 44314	1749	11	2
Copper Miners' Company	. 5191	2305	2	6
Charles Lambert	. 533	1215	0.	3
Newton, Keates, and Co	. 137	592	10	6
Sweetland, Tuttie, and Co	. 448	1267	. 6	0
Neath Copper Company	174 5-6	686	8	3

Copper ores for sale on Thursday next, at Tabb's Hotel, Redruth.—Mines and Percels.—South Caradon 518—West Caradon 455—Great Wheel Bray 420—North Treskerby 381.—Clifford Amalgamated 338—Fowey Consels 310—Wheel Polmear 212—North Downs 202—Craddock Moor 155—St. Day United 73—Wheel Rose 50—Burra Burra 41—Wheel Towan 26—Perran Mines 25—Wheel Prutesce 22—Wheel Damsel 20—Buckingham's Ore 18—Fembroke 2—Total, 3271 Tons.

£24,600 10 6

Copper ones for sale on Thursday week, at Tyack's Hotel, Camborne.—Mines and par-els.—Clifford Amalgamated 907—West Seton 565.—Wheal Seton and Pendarves 365— Zast Pool 387—South Frances 184—Wheal Resset 160—South Tolgus 160—East Basset 144—Tincroft 165—Condurrow 89—Dolcoath 75—Stray Park 62.—North Rasker 45— Zarn Camborne 41—South Crofty 40—Camborne Venn 36—New Wheal Seton 5.—Total, East Pool 287 114—Tincroft

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o, 3 substance	_	-	-	_	-	-	1 9	1 10%	2 0	2 3	2 6	3 0	8 6	4 0	4 6	5 0	5

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pleasure to the following features in the undertaking, the importance of which cannot be over estimated:—

The vendors of this valuable property take the whole of the purchase money in shares, thus identifying themselves in the success they are certain of obtaining.

No steam-engine will be required, water-power being abundant for all purposes. Machinery for dressing the ore is now in course of erection, and no time will be lost in preparing the same for market.

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As the shares will, no doubt, soon command a high premium, immediate application

ularly published in the Mining Journal.

As the shares will, no doubt, soon command a high premium, immediate application or them will be necessary to secure an allotment, they being rapidly aubscribed for.

Prospectuses, with names of directors and officers, plan of workings, reports, and form of application for shares, can be had of the secretary. Mr. Thowas Carriew, at the temporary offices of the company, 4, Barge-yard, Bucklersbury, London, E.C.

In consequence of an official advertisement, emanating from the directors of the St. Just United Company, discialming any connection with St. Just Consols, I am authorised to confirm that assertion. And although the bankers of this company are the same as the former, and myself the duly appointed secretary to each, there is no other director or official in the London management. Whatever may have been the secret motive that prompts the said advertisement, it must be too obvious to a discerning public that the presumed caution is not without some object. There is no doubt that St. Just United is a most valuable property, nor can the similarity of names detract from its importance. But with the well-known value of the tin lodes, the geological position, and the facility of working St. Just Consols, united with the determination of the management to work the mines with economy and less expense, they have every reason to believe that they will be in a profitable paying position as soon as St. Just United.

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Prize Medals-Paris, 1855; London, 1862.

I N E V E N T I L A T O R S.—
These machines are GUARANTEED to EXHAUST TWENTY THOUSAND
IC FEET of AIR PER POUND of COAL, producing a vacuum or suction equal

160,000 200,00

GENERAL ENGINEERS, and SOLE MANUFACTURERS of SCHIELE'S TURBINE WATER WHEELS, PLATT and SCHIELE'S SILENT FANS, BLAST ENGINES, &c.

Hotices to Correspondents.

Much inconvenience having arisen in consequence of several of the Numbers during the past year being out of print, we recommend that the Journal should be regularly filed on receipt: it then forms an accumulating useful work of reference.

Cost-Book Mines.—Reply to the enquiry of "A Shareholder," in the Journal of Feb. 28:—
The purser of a mine, conducted upon the Cost-book Principle, cannot forfeit shares for non-payment of calls, unless there be amongst the cost-book articles one that especially confers the power to forfeit. If there be such a power to forfeit, it must be very accurately exercised, as the Courts construe it strictly, and every deviation from the prescribed course is so fatal that the Courts would set the forfeiture aside with costs. This was the point in Clarke r. Hart, determined in the House of Lords. Nor can a purser transfer, as suggested, such forfeited shares, unless there be a cost-book rails giving him that power. This being so, it follows that the rutes prescribe the powers of the purser. If the shareholder tendered the calls before proceedings, he cannot be successfully such for calls, and if he be sued he has a good defence to the action. In an ordinary case, the purser ought to sue a defaulting shareholder in the Stannary Court.—T. T.

Stannary Court.—T. T.

THE COFFER TRADE.—Your readers are no doubt aware that, with copper at its present price, a large number of mines which were paying cost have been compelled to resume their position in the list of calling mines; and from the appearance of the market, and the continually increasing supply of copper, I cannot see that materially higher rates than those at present ruling can reasonably be looked forward to for some time. Under these circumstances, I think it will be acknowledged that the only means by which the Cornish mines can hope to maintain an amount of prosperity equal to that which they enjoyed when the price of copper was high, is to make the poorer ores marketable, and to economise the costs. The wages paid to Cornish miners are as low as they should be, and it is most undesirable that less labour should be employed; but I think it might be so arranged that, with the same amount of labour, and at the same cost, a larger quantity of copper could be returned. I am aware it is the general opinion in Cornwall that the dressing machinery is of the best possible description, yet much ore is still thrown aside which in less favoured districts on the Continent would be profitably worked; and I believe that if some really good process of extracting the copper from refuse ore, containing (say) not more than ½ per cent. of copper, were introduced into Cornwall, large profits might be made. As this produce ore is successfully treated elsewhere, there is nothing speculative in the matter.—B.

OFER IN SANDSTONES.—As this subject appears to attract so much attention both abroad and at home, I will endeavour to give your correspondent, "Kanawha," some particulars descriptive of the extraordinary discoveries recently made at the Gourock Mine, as well as the mode of rendering the ore marketable, the prices it fetches, &c.; and if they succeed at all to my anticipations, and if the New Jersey cupiferons and-stone bo similar, "Kanawha" will soon find the rattlesnakes scarce, and the bogg drained, for copper of such quality would be of immense value so near a market as at New York,—George Henwood.

OUTH CARADON WHEAL HOOPEL.—Can anyone interested say what they are doing at this mine, as from an article in the Journal (Feb. 15, 1862) a rather slowing picture of the future was drawn, since when 1800f. has been expended, without, so far, any visible result =—Sunscinger.

visible result?—Subscriber.

Experiments at Shoerurness.—Will any of your correspondents kindly inform me of the steps necessary to be taken to get the Admiralty to experiment on a new arrangement of the materials now used in building war vessels, so as to secure the two objects, busyancy and invalinerability? Also can they tell me who would have to pay the expenses of this new target, if tried, the Admiralty or the inventor? I can construct a target much lighter than the present ironsides, and perfectly invulnerable against any of the guns yet manufactured. Knowing that you are ever ready to promote the cause of science is my reason for hoping that you will enable me to obtain the fullest information.—T.: Redruth, March 18.

mote the cause of science is my reason for hoping that you will enable me to obtain the fullest information.—T.: Redruth, March 18.

Arrox's Disc Properlike.—Some time since you described a new system of propeiling vessels, invented by Mr. J. J. Aston, and consisting in the substitution of flat discs for the ordinary wheels and floats. I should be glad to learn what progress is being made with the invention, as there can be no question of the advantage, at least for above-bridge traffic of a propeiler which does not disturb the water. I heard that Mr. Aston had made one practical experiment, by applying a pair of his wheels to a river steamer, and that a very satisfactory speed was obtained. There was, however, as I heard, this peculiarity about the use of the discs, that the speed of the boat increased very gradually from nil to the maximum, and that, whilst at full speed, an obstacle coming in the way, it became necessary to give the order, "turn her astern," when it was found that, although the engines were reversed, the boat continued her course forward just the same, or, at least, so nearly the same that the difference of speed could not be detected for some minutes, and all on board congratulated themselves upon escaping a fatal collision. Now, I should like to know whether Mr. Aston has devised a remedy for this, and, if so, what it is? If he has not, I would auggest a series of shutter-boards on each side of the boat, from the stem to the disc, which could be opened at pleasure, or kept close against the side of the boat. If then it were required to stop, a large obstructing surface could be at once produced, which would effectually overcome the impetus forward, and allow the discs at once to act in producing a back action. The disc propoller is certainly one which should not be passed by without the most strenuous endeavour to render it practically useful, because I believe that the motion of a vessel so propelled would be as easy as a salling vessel, and and as swift against wind and tide as a steamer

vessel, and as swift against wind and tide as a steamer.—Motion.

Minino in Reland.—You refer, in last week's Journal, to the Cloosingereen Mine being for sale, and, as one interested in the welfare of Ireland, I trust no time will be lost in getting it to work. When I saw the mine, some time since, very little had been done there, yet there was much to encourage the enterprising adventurer; and I think, if the proprietors really wish it to be worked, they should send to the Journal an account of the work done, and of the machinery and plant that has been erected.—T. G.

Lifford Shareholder, "and "X. Y.," for their latters, published by you, about the doings at this mine; and to urge them not to allow the matter to drop until a full enquiry has been made into the manner in which our affairs have been conducted, for at present things appear to be most unsatisfactory, particularly when we see the receipts for the last two months' accounts published amount to 11,0681. 11s. 6d., but a loss on the whole of 5281. 15s. 8d.—Another

SHAREHOLDER.

WHEAL PROSPER (Breage).—Forgive a short answer to Mr. Stickland's letter. Before I wrote I enquired of a broker the price of Wheal Prosper shares; the answer was—"They are unsaleable; but may be quoted at from 5a, to 10a." My letter could not, therefore, lower the price of the shares very much. I said the engine-shaft was being sunk at a heavy cost; and so it is, although the price for sinking may not be high. To employ a man to throw sovereigns into the sea at 3a.—adv, is to be at a heavy cost, though the price of such labour is not high. Mr. Stickland and our arent differ as to Treworvas lode. They may be right; but I am accustomed to believe agents when they disparage their own mine. But now for the test. Am I right, or is Mr. Stickland? He says, if I am tired of my shares, he and his friends will take them. They have cost me, with the last call paid, eleven guineas a share, and I am tired of them. Let him say in the Journal that he will give that price for them, and they shall be transferred to him at once; and will give him 5t, per cent. discount for ready money.—A Lance Shareholder: March 18.

AMERICALEMENT. In reply to your correspondent, "Coal," enquiring for Howden and,

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The Mines weeks engine vered, is an i

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money.—A Large Shareholder: March 18.

AFERT-LAMPS.—In reply to your correspondent, "Coal," enquiring for Howden and.

Thresh's lamp, I beg to state that I am the sole proprietor thereof, having purchases,
their patent, and have since taken out two fresh patents on the same lamp. The publication has been delayed from various causes; they are now, however, ready of delivery in any quantity, and I shall be happy to communicate with your correspondent, who, I have no doubt, will be as pleased as everyone else has been who has seen them in their present form.—C. E. Crawley.

Advertisement — Wheal Hearte.—If the writer of the Notice of the Not

them in their present form.—C. E. Crawley.

Advertisement]—Wheal Hearle.—If the writer of the Notice in last week's Journal
were really a shareholder, and really desirous of the information referred to, he would
not have written that letter. The thing is too shallow. All shareholders know well
how the matter stands with Mr. James Hollow; the various circulars issued by him
leave nothing unexplained. As regards the value of the shares, I think it is slip
retty well known that they were quoted, and apparently kept up for a short time, si
the high prices, solely for notorious jobbing operations, with which Mr. Hollow had
nothing to do. The mine appears at present poor; but I, for one, am glad that the
management is no longer at Cornhill, under Mr. Tredinnick's influence,—Bona First
City, March 18.

management is no longer at Cornhill, under Mr. Tredinnick's influence,—Boya Figs:

City, March 18.

OLD Wissal Nertune,—Perhaps my love of sait water in part induced me to become a shareholder in Old Wheal Neptune. There was a charm in the very name. My faith, however, in the concern was somewhat rudely shaken by the letter of "A Cautious Man." His exposure of the management was certainly a most damaging one; but being of a hopeful disposition I held on, and goon felt convinced that the exposure had done good, by the re-organisation of the management, and the appelinment of a board of directors. The proceedings of these directors, however, have quickly destroyed my reviving confidence. On February 12 the meeting of shareholders took place, when the report of the directors was received and adopted. I particularly with to draw the attention of your readers to this clause of the report:—"To raise the nicessary funds to complete the undertaking the directors recommend that, instead of calling up the 12s. 6d. remaining uncalled on the old shares, 6000 new shares be created and offered pro rata to the shareholders." Observe, also, that at this meeting Mt. Harris is reported to have said, in answer to a question, that "the shares now proposed to be created would rank with the other shares, and be subject to the same amount of calls." This appeared all fair and above board, and I consented to take my quots of new shares, and at once paid my call of 10s. per share upon them. Now, mark the denoument! In three little weeks after paying this call the directors come down on the old sharesholders for the remaining 12s. 6d. on the old sharesholders for the remaining 12s. 6d. on the old shares! Now, according the most obvious rules of justice, as well as in accordance with the clause quoted from the report, the new shares ought to be paid up to an equal amount with the old one before the remaining 12s. 6d. is called for. The Chairman of the meeting is stated to have said "that it was considered policy, in all limited liability

tained, is required.—R. C.: Macclesfield.

IOWDEM AND THREEM'S SAFETT-LAMPS.—In reply to your correspondent's enquiry, in last week's Journal, I may inform him that these lamps are now being manufactured by Messrs. Crawley and Foster, but I have not heard of their being introduced in any colliery. The lamp is a very good one, and from the fact of the several parts being made by machinery any damaged lamp can be at once repaired by replacing the damaged part. If the lamp could be sold at 5s, 6d, each (the price of the Davy), it would, I think, soon come into general use, although it burnstwice as much oil as the Davy; but as the present price is nearly twice as high as this, I do not see how a saic can be hoped for. Messrs. Crawley and Foster have added a self-extinguishing arrangement to Howden and Thresh's original lamp, similar to that patented very many years ago by, I think, Glover and Call, or Roberts, but it is of doubtful utility, and much complicates the lamp.—Coal.

by, I think, Glover and Call, or Roberts, but it is of doubtful utility, and much complicates the lamp.—Coal.

The Cost-nook System, because there is greater difficulty in raising additional capital when too little has been raised in the first instance, and the force of this argument cannot be gainsaid; but, after all, the liability of shareholders in cost-book companies is unlimited, and the course of relinquishing shares is objectionable, because at least little and the course of relinquishing shares is objectionable, because at least limited, and the course of relinquishing shares is objectionable, because at least little are sufficiently objective and the course of relinquishing shares is objectionable, because at least little and the course of relinquishing shares age tout first, and many shareholders are ruined by the little and the course of relinquishing shares are ruined by the hitten of the undertaking, though he may be very materially benefited. Now, as a rule, shareholders are not niggardly, and are ready to bear their full share, though not more than their share, of responsibility, and it believe that, with regard to limited mining companies, fave capitalists would object to the nominal capital heing fixed at double the amount supposed to be necessary funds, and would still protect the shareholder from ruin. Suppose a gentleman to take 1000 Jahres of 11. each in a company with a nominal capital be necessary funds, and would still protect the shareholder from ruin. Suppose a gentleman to take 1000 Jahres of 11. each in a company with a nominal capital being fixed at the howes that he can only lose 1000t, seven in case of failure, and, if the larger capitals not sufficient, it is quite sure that the company should be wound-up, or reconstituted, or, if the prospects are so good that neither of these courses would be justified, there would be no difficulty in raising additional capital be bentures or new shares, so that the objections to the limited liability system are obviously without foundation.—C.

TAMPS VERSUS OTHER MACHINERY.—May I beg of you to correct the following error which appeared in my letter published in the Journal, No. 1438 (March 14):—For "Jacottinga," read "Jacottinga," For "even 1 per cent," read "every 1 per cent. For "muchs abarca," read "mucho abarca."—WILLIAM ERAY, Jun.

THE MINING JOURNAL Bailway and Commercial Gazette.

LONDON, MARCH 21, 1863.

Probably few subjects in the mining interest are at present attracting greater attention than home Gold Mining, especially in the principality of Wales, where the results we have from time to time published from the best of all documentary evidence (dividends from produce) have certainly been stonishing. However, a lull in the excitement consequent on the noncontinuation of this splendid success has taken place. This, we are assured on competent authority, does not arise so much from any actual falling off in the gold veins (as they present no more variations than are common to all metallic lodes), as from the desire which existed some few months since to return the maximum of the precious metal that could by possibility be preserved, conscious, as the most successful have been, that with all present appliances a considerable proportion has escaped. The natural consequence has been that so soon as the bunches in sight were exhausted the returns temporarily ceased—the reserves, in fact, were robbed, without exploratory works for discovering new deposits of wealth being carried on at the same time. Besides this, the methods hitherto practised have been tedious and expensive, the plant at the various mines but imperfectly as well as hastily constructed, and all the difficulties consequent on a novel branch of business have had to be combated.

These are matters that will create their own remedy. It is with no small degree of pleasure we learn that no expense is spared by the promoters and proprietors of the gold mining companies to avail themselves of the most distinguished practical talent procurable to further their views. We shall at all times promptly publish the details of facts connected with xperiments so instructive and interesting; our columns will every readily e open to the savans for explaining their views on the subject, or descriptions of their machines, modus operandi, or adaptations. We hope in any so, they will not allow their enthusiasm to overstep their reason, but discuss the affair with a temp

MINING IN IRELAND.

MINING IN IRELAND.

[VROM OUR CORRESPONDENT IN THE COUNTY OF CORK.]

The mines in the Schull district are opening well. The old Audley of Mines (Cappagh), after an interval of 40 years, have within the last few weeks been forked to the bottom, and in cutting a plat in the 84, at the degine-shaft, a lode, it appears, of grey and yellow ore has been discovered, worth 1002. Per fm.; and as the ore is in new, or whole ground, it is an important discovery, and shows, at least in this instance, that some dependence may be placed on the reports of "old miners," as many of it them who formerly worked in the Great Cappagh Mine always maintained that there was a good course of ore in the bottom of the mine, which has been found also, and worked deeper than the shaft; but the ore found in outting the plat is a new discovery, and appears to be the main part of the bde; one pare of men, it is expected, will raise 3002. worth of ore this both. This is a good beginning, and as the mine is amply supplied with powerful machinery we may reasonably expect, by the time Cappagh Mine been sunk 100 fms, deeper, which would then be only 184 fms. from race, that the county of Cork will have a mine equal in value to the samine in the United Kingdom. On the same line of lodes to the west another very promising mine—Ballycummisk—in which, in the bottom lovel, about 120 fms. from surface, they have a fine course of ore. This mine has already produced, in sinking to the present depth, large quantities of ore, which becomes more abundant in the deepest levels; and, as it has first-rate machiney for pumping, hauling, crushing, &c., it may safely be placed in the list of established mines, with two good mines opening in the same district, and the ore not only lasting, but becoming more abundant in the deepest levels. It would be interesting to know what is the opinion sow of the savans who have so often proclaimed that there are no regular ides in the district, and that the ore would not last in depth; one good course

THE MINING JOURNAL.

THE Wear Gold Question — These your correspondents, in diseasing on the probability of finding "gold quarts in Wales in large and paying quantition," will keep that question distinct from that of the question on "the best and chapses most extraction." It is also much to be distinct on the control of the property of the property

REPORT ON CORNWALL AND DEVONSHIRE.

March 19.—In the cases of Dolcoath, Tineroft, and other mines close to the foot of the granite range, where the principal lodes have long since been worked in the granite, the progress of the mines from the lowest stage of depression to their present position of great prosperity has been a gradual advance. There has been no sudden "discovery" during any portion of the period, but the mines have developed themselves almost imperceptibly; there has been no marked or striking advance either in their produce or in their market value, both of which have crept up almost without creating notice.

duce or in their market value, both of which have crept up almost without creating notice.

In the run of lodes succeeding these to the north there has, however, been a remarkably discovery within the last two years, and one the importance of which, it seems to me, is not generally estimated as it ought to be. At Easr Poor, which lies immediately to the north of the western portion of Carn Brea sett, the perpendicular engine-shaft, wholly unexpectedly, intersected granite 5 fathoms below the 130. According to the previously observed dip of this rock it would not have been reached for 100 fms. deeper; but it now seems that instead of dipping down regularly from Carn Brea hill it rises up in a successive series of underground ridges. In a geological sense alone this would be interesting, but in an economical view it is still more important. Dolcoath, and the range of mines on that run, all make their deep-lying riches in granite; and it seems to hold good for all the lodes of this district that after the exhaustion of the first shallow bunches the lodes require a change of some sort in their containing

run, all make their deep-lying riches in granite; and it seems to hold good for all the lodes of this district that after the exhaustion of the first shallow bunches the lodes require a change of some sort in their containing rock to become again productive. At Wheal Seton, the lodes that seemed hopelessly impoverished have made another run of ore ground upon coming down on a course of "ironstone," or greenstone; and at East Pool the effect of the contact of the granite upon the lodes is even still more striking.

The workings in this part of East Pool—on the north lode, which is a south underlyer—had been prosecuted to the 130, the shaft intersecting the lode 5 fms. above that level. Upon the intersection of the shaft with this south underlying lode, it was proposed by some of the adventurers to continue the sinking of the shaft on its course. Fortunately, however, at the pressing instance of the manager, Capt. W. S. Garby, the shaft was continued in its perpendicular course, and in about 15 fms. sinking—that is, about 5 fms. below the 130—it came down suddenly upon granite, and at the same time on one of the most extraordinary bodies of mineral ever met with in Cornwall, which, upon being cut into north, turned out to be a great lode underlying north, upwards of 12 feet wide, made up of mundic, copper, tin, and wolfram, in great quantities. Subsequent explorations have shown that just above where the engine-shaft intersected the old south underlying lode, a "dropper," a few inches wide, went off to the north. This dropper, as seen by winzes since sunk upon, continued as little more than a string, until about 4 fathoms below the 130—that is, 6 feet above the granite—when it opened out quite suddenly into a lode 12 feet wide, underlying north. underlying north.

the granite—when it opened out quite suddenly into a lode 12 feet wide, underlying north.

A discovery of this kind was so very unexpected, that at first it was difficult to form any opinion about this new lode. It was first supposed that the old south underlying lode might have altered its underlie, as is frequently the case with lodes in this district; but subsequent explorations have shown that the old lode continued its regular course. It was then thought that the new lode was a "dropper," which forked, as it were, about the 125; but its great size and regularity seem also to preclude this hypothesis; and it now almost seems as if this new lode is really the eastern continuation of the North Crofty Reeves's lode—that is, the great caunter, which has made all the riches in Old Pool Mine, North Crofty, North Roskear (Wheal Crofty), Wheal Seton, West Seton, and which is wrought on still further west at New Seton, and at South Seton, or at Crane. This lode is a north underlayer, which favours this view; and it is well known that in the eastern part of North Crofty it is very difficult to trace in the lower levels. I am informed by Mr. John Rule, of Camborne, that it was always the opinion of the old agents that this caunter would be found about the East Pool north shaft; and I find by referring to Thomas's map that it is marked as passing through Trevenson Mine (now North Crofty) under Pool village, skirting East Pool sett, and then crossing the road into Wheal Fortune (now Wheal Agar) sett. It is very remarkable that in Thomas's map, where this lode is marked as crossing the road is the very point where the new lode passes from East Pool into Wheal Agar. If this new lode is the great caunter—and I am strongly inclined to think that it is—after passing east of Pool village it turns from its caunting course to one nearly east and west; and this is highly probable, for at the other end of its course it does precisely the same thing—changing in the western part of Wheal Seton from 25° north of west to 10° or 12° s

of west.

Since the discovery in the 135, the workings at East Pool have been prosecuted with great vigour, under the zealous management of Captain Garby, who, as in the case of Captain Teague in Tincroft, has a large interest in this mine, and has made a little fortune by its success. A 150 fm. level is now being opened up, and the 140 has extended considerably through an immense lode. Of course in this district of hard ground, a mine is not to be opened up so as to be made available for large returns and large profits in a few months, as in the case of such fairground deposits as East Caradon; to do so is essentially a question of time; then, on the other hand, it is a still longer question of time to take it away. A quantity of ground that in one class of mine might readily be taken away in a month, could not be taken away in twelve months in the other. Like its great southern neighbours, East Pool is now gradually developing itself—creeping up in returns and profits—and bids fair in a few years to hold its own among the best of them. As I have said, the other. Like its great southern neighbours, East Pool is now gradually developing itself—creeping up in returns and profits—and bids fair in a few years to hold its own among the best of them. As I have said, the granite came into the engine-shaft about 5 fms. below the 130. In the 140 it was ascertained to rise going west for a short distance, and then to run on level; going east for a certain distance it also dipped, so that in about 20 fms. driving the level holed to the killas. From this point, however, it seems to run level again.

This discovery has, of course, been of immense importance to East Pool; indeed, it has raised the mine from poverty to affluence. But its importance is scarcely less great to the neighbouring sett of Wheal Agan, although, strange to say, the adventurers of that mine seem to be wholly un-

conscious of it. The East Pool engine-shaft, in the 140, is only about 58 fms. from Wheal Agar boundary. This boundary intersects the lode at an agle of about 25°, bearing about that number of degrees to the north of west, and to the south of east, with respect to the lode, so that a lode underlying south would (below the 140) rapidly lengthen in East Pool and shorten in Wheal Agar sett; while, on the contrary, a lode underlying north would rapidly shorten in East Pool, and lengthen in Wheal Agar. With the old south underlie, or lode, the former would have been the case; and if even it had been a lode of great intrinsic importance it could never have been of much value to Wheal Agar. But with the new lode the case is very different; not only is it a lode of great importance—probably the most important in the district—but it underlies north, so that at every level below the 140, from the engine-shaft east, it is shortening in East Pool, and, consequently, lengthening in Wheal Agar. In the 160 it would be difficult to exactly say the distance from the engine-shaft to Wheal Agar boundary, but it would certainly seem not to exceed 50 fathoms. The 140 fm. level end, in East Pool, is not above 35 fms. from the boundary, and in a winze sinking below the level near this end there is the best lode in the mine.

Agar boundary, but it would certainly seem not to exceed 50 fathoms. The 140 fm. level end, in East Pool, is not above 35 fms, from the boundary, and in a winze sinking below the level near this end there is the best lode in the mine.

Wheal Agar is a very extensive sett—about one mile long—and really consists of two mines, about 350 fms. aport; the eastern mine, at Windstow shaft, and the western mine, adjoining East Pool, which are entirely distinct, except that they are communicated in the 50. The eastern mine has been worked to the 90 on a north underlie lode, supposed to be the Wheal Fortune lode. This, although moderately productive of ore, has not been a very remunerative lode. As far as opened on it seems weak and bunchy; and, although the bunches are good at times, they are not continuous in length, and in depth appear only to make in alternate levels. In the 100 a lode of a different character has been cut, which does not seem to be a continuation of the old lode worked on, and some seem to think that this is East Pool new lode. If this should turn out to be the case an entirely new future will be opened to the Windstow part of Wheal Agar.

But to my mind—and in this view I am borne out by Capt. Garby, and all the leading agents of the district—the western mine is the most important part of Wheal Agar—and here, in fact, there is next to nothing doing. Why this should be the case it is difficult to understand, considering the remarkable prospects which the ground shows—unless, indeed, it is in deference to views which, although perfectly sound according to the known conditions at the time they were arrived at, have ceased to be so by the new discovery in East Pool. There is an engine erected at the western mine, but it is on lodes about 60 fathoms north of the Wheal Agar new lode, and it is also about 90 fathoms west of the spot where the new lode crosses the road from East Pool to Wheal Agar. But quite close to this boundary there is a whim-shaft, and one of hard-rods might easily be put from the pres

be got by dividing the sett by the Portreath Railway, which severs it into two very nearly equal parts.

On the west, East Pool is adjoined by SOUTH CROFTY. The western part of this sett, being the old Long Close Mine, near Tuckingmill, has recently been sold by the South Crofty adventurers for 1100%, to Mr. Joseph Elliot Square, of Gresham House, London. The purchase includes two engines—a 36-inch pumping and a 22-inch winding, and other materials. I suppose the South Crofty adventurers have well considered the expediency of abandoning and selling this part of their sett; but, however this may be, I shall be very much surprised if Mr. Square's purchase does not command fully 5000% profit within a month. It is to be called, I believe, Wheal Crofty.

REPORT FROM NORTH AND SOUTH STAFFORDSHIRE.

REPORT FROM NORTH AND SOUTH STAFFORDSHIRE.

MARCH 19.—The Iron Trade continues rather dull, though a little more activity is reported in a few cases. On the whole, the preliminary meeting, which is to be held in Birmingham on Thursday next, is likely to be duller than the last meeting, in December, when there was a general expectation of a brisk demand, which has been only partially realised. The case argued on Monday before the Master of the Rolls possesses considerable interest, both for the 'tron trade and for manufacturers in general. It was an application to restrain Mr. Barrows, surviving partner of the firm of Barrows and Itali, proprietors of the well-known Bloomfield Works, Tipton, from using the trade mark of that firm, which consists of "B. B. H.," with a crown over them. The initiats originally represented "Bradley, Barrows, and Hall," the partners. Bradley retired in favour of a person named Bramal, whose partnership cased on his death, but the mark was retained, and is very widely known and much esteemed. The death of Mr. Hall dissolved the partnership, and the Master of the Rolls decided against the executors of the late Mr. Hall, who applied for the injunction, that the present proprietor, Mr. Barrows, is entitled to retain the trade mark.

Two men were killed, and four others injured, by an explosion at a limestone pit at Darlaston-green, on Friday last, which was owned by Mr. Samuel Mills, ironmaster, of Darlaston, but worked by Mr. Edward Glover, of Fallings Heath. The explosion took place directly after the men descended, and it was ascribed to a fire which had been kept up to ventilate the mine having been extinguished on the night before the accident.—The inquest on the eleven men klied by the bursting of a boiler at the Shelton Barrows, and Banley, in North Staffordshire, was resumed to-day. It is expected that a man named Randle, who was employed about the boilers, will die. Mr. Longridge made a special report respecting the accident, as did also Mr. Wynne, the Government Inspector, and

single mining cause has been entered for trial at the present Assizes.

At the last meeting of the Dudley and Midland Geological Society for the season, held at Dudley, on Tuesday (Professor Beckett in the chair), Mr. H. Johnson, of Dudley, read an interesting paper, chiefly directed to the consideration of the question of the existence of other beds of coal in the South Staffordshire district than those now explored, especially under what is known as the Permian formation. Mr. Johnson said—"At West Bromwich a large area of valuable thick coal below the Permian has for many years been to successful operation at a depth of from 250 to 400 yards. The spirited undertaking of the late Earl of Dartmouth at the Heath Pit, West Bromwich, was the first in this district to unraved the mystery of the existence of the thick coal underneath the Permian. This took place in 1853, at a cost of nearly 30,000. Since them many more extensive sinkings have been prosecuted to the same bed, and with the same successful results, but at considerably less cost and trouble, on account of the experienced gained, and from the improvement in mining implements.

It is worthy of remark that at Messra. Chance's Glass Works the thick coal less at a depth of 400 yards, is of its regular character and thickness, and no appearance of any fault in the direction of Smethwick or Birmingham, and having a slight south-casterly dip. This being the case, may we not fairly calculate upon the seam continuing not only in a direction taken in the ground between Oldbury and Smethwick on towards of a six square miles? From the fact of the thick coal measures that just out from the main body of the coal field near Warley Castle (near Harborne), which would give an area of six square miles? From the fact of the thick coal existing beneath the Permian in one place, it is only reasonable to expect that it exists under the Permian another, supposing the geological conditions are in every way analogous. Again, on looking to the south end of the coal field, there w

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at Tamworth, whether a connection between these two districts cannot be satisfactorily established. Jukes, in his valuable and interesting memoir of the South Staffordshire coal field, presuming upon a certain thickness of New Red and Permian axisting between this coal field and that of Warwickshire and Shropshire, states that it may probably be 1000 yards deep to the coal in each case, and I have shown in the previous part of this paper that it may with equal probability be only half that depth, and thereby bring these two immense tracts easily within the reach of improved mining machinery." Mr. Johnson was warmly cheered on concluding his paper, and Professor Beckett warmly eulogised it as containing suggestions and information of a most valuable character.

REPORT FROM NORTHUMBERLAND AND DURHAM.

REPORT FROM NORTHUMBERLAND AND DURHAM.

March 19.—The weather here has continued very cold and stormy since our last. Some branches of the Coal Trade have improved a little, but many of the large collieries are still very inadequately employed. On the Wear many complaints are heard of slackness. The Ryhope and Monkwearmouth Collieries have only been working about three days per week of late, and at Cassop and other large Wear collieries a similar state of things has prevailed. Two more men have died from the effects of the Coxlodge Colliery explosion, making 22 deaths in all from this unfortunate occurrence. The feeling of the public appears to be (and this has been pretty freely expressed by some portion of the public press) that the enquiry before the coroner was rather hurried over, and that another day, at least, ought to have been devoted to it, and other witnesses examined, such quiry, before the coroner was rather hurried over, and that another day, at least, ought to have been devoted to it, and other witnesses examined, such as viewers, mining engineers, &c. A very large fleet of vessels, of various sizes and classes, have left the Tyne lately, and, as the wind has moderated considerably, successful passages may be expected, at any rate, from the north-east coast. Shipping is plentiful in the north-east ports at present, and consequently freights are low. From the Tyne to London they are now quoted 5s. 6d. per ton afloat, and 6s. 7 d. per ton wharf, and to other costs in respection. ports in proportion,

as accident occurred a few days ago to the machinery at the North

A serious accident occurred a few days ago to the machinery at the North Seaton Colliery, near Blyth. One of the ropes in the shaft attached to the winding-engine having broken, the cage fell to the bottom of the shaft, and the weight of the other enge and rope took the engine out of the control of the engineman, and went also amain down the shaft. The balance apparatus was, consequently, also carried into the engine-house, so that the damage to the shaft, engine-house, &c., was serious. Fortunately no person received the least injury, but the works will be laid off some time.

On Tuesday the Poor Law Assessment Committee met at South Shields, to hear the adjourned appeal of the owners of Harton and Hilda Collieries, against the sums at which hey were respectively rated for the township of Harton, and the township of Whitburn, in the new valuation list, under the Parochial Assessment Act, 1862. Mr. Wm. Anderson presided as Chairman, Mr. Salmonas clerk. The collieries were represented by Mr. W. S. Daglish, solicitor, of Newcastle, and the township by Mr. Moore (Maxwell and Moore). After some discussion, a basis of rating was screed upon for Harton, and the Whitburn rating was by consent, and subject to the approval of the Board of Guardians, left to the decision of an eminent mining engineer.

FOREIGN MINING AND METALLURGY.

In the Haute-Marne, quotations for pig have recovered their firmness; different purchasers have presented themselves at the same time, producers have not hesitated to advance their rates, and business has been done at different purchasers have presented themselves at the same time, producers have not hesitated to advance their rates, and business has been done at \$1.8 s., \$1.10 s., and even \$1.12 s. per ton. Considerable quantities of English pig are now sold at St. Dizier, the quotations being for No. 1, \$5.4 s.; for No. 3, \$4.8 s.; and for refined, \$4.6 s., 9d. per ton. The domand for fron is only very small, and Paris, which formerly took a considerable quantities, has of late purchased but sparingly. Wood-produced from have brought \$9.4 s. to \$9.12 s.; rolled fron obtained from mixed pig, \$8.16 s. to \$9.1 and hammered, 10.16 s. per ton. Iron-wire continues in good demand. The mean prices paid for combustibles by the fromworks of the Haute-Marne are returned as follows:—Washel coke for foundries, \$1.10 s. \$61. hard coke for blast-furnaces, \$1.8 s. 10d.; tender coke, \$1.6 s. 10d.; coal of the Nord for pudding-furnaces and refning fires, \$18 s. 10d. per ton. It is \$1.0d. dewendel who among the industrials of the Moselle group of works has conceived the bold idea of establishing a depb for French from at Havre, which is the very stronghold of importations from England. The forges of the Moselle group have secured, at \$2.8 s. per ton, the order for the fron required for the re-construction of the buildings of the market of the Temple, at Paris. The production of steel is extending on all sides. Thus the works of Munsterhausen, in the Moselle group, which for some time have manufactured the steel known as German, have been making arrangements for producing cast-steel on the Bessener processes, and will speedly devote themselves to the fabrication of axles and tyres for ratiway engines and carriages. The Vienne forges in the labers have obtained a contract on the account of the Italian Government for armour-plates, to be used for two frigates now in course of construction. A report has obtained currency that a company is about to found metallargical establishments in the centre of France, and folling-works. The Imperial Senate

interested in a warrant should export a weight of manufactured articles equal in weight to that of the raw material which he has imported. From this point of view traffic in warrants is regarded as legitimate.

Affairs in copper have been less animated at Paris, but quotations are, nevertheless, firmly maintained; English in plates has realised 90%; Lake Superior, 104%; and rough Chilian, 86% 10s. per ton. The reports from Havre do not note any change of importance. The state of affairs has not changed at Hamburg; orders are not wanting, but prices have been put at such an extremely low point that their execution is difficult. An importation is noticed of about 20 tons of Dronthelm-Branss, and another parcel of about 12 tons of refined Chilian has also arrived. The firmness of the Berlin and Cologne markets is sustained, and there are certain symptoms of an approaching rise. At Berlin, both Prussian and English copper are very firm; and other descriptions have also maintained former rates. The sales of tim effected during the last few days at Amsterdam and Rotterdam have been tolerably numerous, and various lots have changed hands at 72% fis. to 73 fis.; at this last price there remained, however, very few sellers. Affairs at Paris have been limited to the supply of strictly consumptive wants; nevertheless, an amelioration is remarked in the rates current for Banca and Detroit, which are quoted, the former at 128%, and the inter at 126% per ton. At Marseilles, the quotation both for Banca and English is 122%, per ton. The article has obtained full prices at Hamburg in the execution of small orders. Berlin and Cologne have remained without change. The Paris lead market has been week, and the demand has been attifuly limited to the requirements of consumption; rough French has made 22% and rough Spanish 22%. Sa, per ton. StoPears has brought 13% fis. at Rotterdam. Lead has maintained preceding rates at the rate has been moderate; the lead of the district has been selling in sammons at 19% 10s. per ton. Berlin has

ing on workings at Montigny-sur-Sambre, near Charleroi, continues to publish monthly reports of its operations. Thus, in February, 1863 11,092 tons of coal, the extraction of which involved an outlay of 29017. 11,092 tons of coal, the extraction of which involved an outlay of 29017, were raised. This sum was increased by transport expenses, commission, general charges, de., to 32681.; and a further outlay of 4627, was made for preparatory works, buildings, shaft-sinking, &c., making an aggregate outlay of 37307. On the other hand, the coal sold realised 50241., showing a profit of 12941. For the month. The profits in January were 16451., so that a total surplus of 29397, was attained for the two months. The United Collieries Company at Quaregnon pays a dividend of 10s, per 104, share, or 5 per cent, per annum, for the exercise 1862. A royal decree, dated the 6th inst., authorizes the Sciessin Company to make some additions to its ironworks in the commune of Tieleur, and for which it solicited official approval last June. Another decree, dated three days previously, authorizes the establishment of a company, to be called the Austro-Belgian Metaliurgical Company, and approves the statutes which have been drawn up. Several companies were formed in Belgium, a few years since, for the construction of railway plant, and their operations seem about to take a very great extension, as enlarging their original ideas and intentions, they now undertake not merely the delivery of the carriages and trucks required for railways, but some of them have also entered into general contracts for the complete equipment of way, the supply of all the fixed or rolling plant, and deven the construction of works. Contracts of this kind have been concluded for Italian lines, and others are in course of negociation for the establishment of lines in general contracts for the complete equipment of way, the supply of all the fixed or rolling plant, and even the construction of works. Contracts of this kind have been concluded for Italian lines, and others are in course of negociation for the establishment of lines in Switzerland. Belgium will thus soon possess great contracting houses, similar to those which have long existed in England, and which have participated in the construction of railway lines in every part of Europe, so that new elements are assured for the industrial activity of the country. This excellent result has been obtained in consequence of the great confidence which Belgian capitalists have displayed in the obligations of foreign companies. The greater number of the companies established for the creation of new railways in Spain, Italy, and other countries, have been accustomed to pay in paper—that is, in shares and obligations—the contractors clarged either with works, or the delivery of plant, and if Belgian contractors had not found the money market of their country sufficiently confiding to conable them to realise these values in specie, their operations would, probably, have been completely paralysed. The Belgian Government has fully appreciated the high importance of the course followed by Belgian capitalists, and so far from opposing it, it has facilitated the negociation of foreign values, by according to them the right of official quotation on the Bourse; although, at the same time, by a wise restriction, this permission was only granted to those foreign companies which had concluded contracts with Belgian industrials. From a siderurgical point of view, the development of the operations of great Belgian contract for rails concluded by the Syndicate of Works for the Central Relievay. The re-appearance of warrants has revived the delivered in May), and 400 tons for the maintenance of way on the Maestricth and Axisab had had tone of the court of the court of the parales of the parales of the concluded a contract for 1000 tons for the

The long and dreary commercial depression which the American war has involved has affected in some measure some concerns in which the company is interested; but, nevertheless, the results obtained in 1882 were, on the whole, antisfactory, and a dividend of 21. 2s. per 201, share will be paid for the year. The ordinary revonae of the portfolio has been affected by the unfavourable circumstances which weigh specially agon coal mining industry; but this falling off has been more than compensated for by profits obtained from the realisation of shares. The total investments of the company now comprise 642,6221, and the reserve fund amounted, Dec. 31, 1862, to 60,1951. The company is interested in the following collieries:—Conchand af Pfan, Crachet et Picquery, Haut-Fifan, Boussu-Sainte-Croix-Sainte-Claire, Monceau-Fontaine, Réunis de Charlerol, Longterne, Levant da Pfen, Produits au Fifan, Val-Benoit, and Carabiolier. It has also investments in the Coulliet, Châtelineau, and Sciessin blast-furnaces, ironworks and other railway undertakings.

also investments in the Couliet, Châtetineau, and Sciessin biast-furnaces, ironworks and colleries, and the East Belgian, the Dendre and Waes, the Antwerp and Rotterdam, and other railway undertakings.

We return to the recent work of M. Dalloz on mining property and the legal organisation in force in reference thereto. Legislation on mines has given rise to numerous theoretical systems. The most ancient is that of accession, which considers the surface proprietor to have also a right of accession, which considers the surface proprietor to have also a right of property to any minerals which may be found upon an estate by virtue of the principle that property above gives a right to property below. The principle most generally adopted is the domanishity of mines, which implies that mines are only ordinary demesuses, the right of property of which belongs to the State. This system has recently been revived and strengthened with new considerations by M. Le Hardy de Beaulieu. "The value of a mine," says the eminent Mons professor, "only comes to it from the midst in which it is piaced, and this midst only arises from the slow and prolonged labour of the entire nation during numerous generations." M. de Beaulieu concludes from this that the value belongs to that which has reached it,—that is, to the nation itself, personified in the State. M. Dalloz protests against the too absolute consequences of this reasoning, observing.—" If from the fact that the value of a mine not worked depends on the midst in which it is piaced beforehand, it necessarily follows that the sitate must be considered proprietor of it in the full acceptation of the word, so as the value of lands approprinted and cultivated depends also on the same social midst—that is, the institutions which in every civilised country guarantee the right of property, means of comminication, the development of population, the commercial system, and improvements in the processes of culture—the State must be considered by the same motives proprietor of all the land

TYWARNHAILE MINE.

Under the new management this mine seems now to be fairly on the way to success. Like all the rich and profitable mines of this country, it has gone through the hands of several companies, until at last it holds out the receiver of similar results in a product time. the prospect of similar results in a moderate time. The mine is well found in the most complete and powerful machinery, there being two 70 inch The mine is well found the prospect of similar results in a moderate time. The mine is well found in the most complete and powerful machinery, there being two 70-inch pumping-engines, and three others for hanling, crushing, and stamping, all erected and at work. The bottom of the mine (100 fms.) has recently been reached, and in forking and clearing the levels the late company returned upwards of 20,000l. worth of copper ore, having opened only a very small extent of new ground on the course of the lode. Mr. Francis Pryor, of Riedruth, inspected the mine about two months ago. He states:—"The 100, cast of Gardener's shaft, is extended east of shaft about 10 fms., where the lode has a very promising appearance, and producing good stones of ore. At this point there are no means, however, of working to any advantage until a portion of the water is drawn by some other plan, so as to assist Gardener's engine, this being the deepest part of the mine, as well as the depôt for the water. Bennett's shaft, which is 25 fms. further east than Gardener's, is down to the 100. I learned from one of the men who formerly worked in this shaft that it was sunk from the 90 to the 100 in a good lose of ore. I attach much importance to this part of the mine, if energetically opened up; I do not, however, mean the deeper levels only, but the shallow ones as well. The 90, east of this shaft about 25 fms. will produce fully 3 tone of ore per fm.; and it is my opinion that there is still a portion of the lode standing north. I would here remark that this end has been driven through a dead or unproductive piece of ground until intely; and, judging from the 80, as well as what has been stoped away in the bottom of the same, it is my opinion that therefore, be expected in this level. The 80 is driven 50 fms. east of Bounett's shaft; this end passed through a good lode of ore for 20 fms. in advance of the 50; the hold of the lode is carried or otherwise. My opinion is that they have not done so, and would, therefore, expected in this level. The 80 is driven 50 fms

by the driving of levels from either of these shafts separately, it will, in my opinion, never pay; but if carried out by driving from each shaft at the same time, and sinking winzes when necessary, as well as driving east and west from the same, so as to communicate with the different levels, and thus cut open the ground fast; and should the ore continue to last down (and I see no reason why it should not), then I consider there are really onear chances of success. But It must be borne in mind that although the present (now late) company have taken away about 20,0001. worth of ore, they have accreely opened out any ground; and what I see of the mode of working adopted by the former parity, it must have been for a very considerable time, more for the purpose of abandoning the mine, than for the effectual carrying out of the same."

Captain Pascoe, of South Wheal Prances, also inspected the mine a short time ago, and he writes:—"Some of the ends can be driven at once, when discoveries may be made; and looking at the quantity of tribute that may be set throughout the mine, which will materially assist in the future operations of the concern, and looking at all the points, I considerable returns of ore are aircady made; and a new managing agent having been appointed, it is intended to push on all the important objects as vigorously as possible, overy regard being paid to economy. By adopting this course, even a few months are likely to place the mine in a greatly improved position.

The late proprietors have shown their confidence by subscribing largely for the new capital, and a considerable number of shares have been taken by parties in the locality, one firm alone, largely connected with mining for many years, holding one-sixth of the whole number. It should be mentioned that the dues are at the very low rate of 1-24th; so that while they may not yield any considerable sum to the Duchy, they will be found advantageous to the company in calculating their expenses.

TRUTH'S ECHOES, OR SAYINGS AND DOINGS IN MINING.

TRUTH'S ECHOES, OR SAYINGS AND DOINGS IN MINING. The Mining Share Market has returned to its wonted activity, which was partially suspended by the holidays occasioned on the marriage of his Royal Highness the Prince of Walce last week. There appears to have been a large amount of business transacted during the week, and the transactions more numerous consequent on the usual fortuighty account day, which took place on Tuesday last, and being more than ordinary heavy. There was a short delivery of several stocks on to-day, but many of which have since been arranged, among such may be named North Rosebar, Whell Skyloh, Great Wheal Skyloh, Great Wheal Skyloh, Great Wheal Skyloh, and the story of several stocks on to-day, but many of which have since been arranged, among such may be named North Rosebar, Wheal Skyloh, Great Wheal Skyloh and Skyloh and East Basser have advanced, and in good demand.——South Tolgus and Great South improved have not reached their former price.—"Thorget, Clifford, and East Basser have advanced, and in good demand.——South Tolgus and Great-South Tolgus have receded.—Illogan, Straly Park, West Straly Park, and North Basser have been in good request, and several heavy transactions been effected.—East Carn Birea, Buller, and Cook's Kitches have been extensively dealt in at varied quotations.—North Cropty, North Transactions, and North Downs have been more in request, and prices advanced.——Calvadraces have improved, with a steady enquiry for the shares.—East Rosewains and Harriest have been more in request, and prices advanced.—Great Wheal Fortune, Basser and Greats, and Werdron Consols have been in good demand, and prices advanced.—St. Just United, Caluntion have followed.—Great Wheal Fortune, Basser and Caradons have receded, in consequence of the reported failing off in the cannot rolled.—Markey Alders, Luddott, and Groxaena have been fairly dealt in at present prices.—South Caradons have been done at advanced rates.—East Caradons have been done to advanced rates.—East Caradons have receded,

CARADON have changed bands; also, MARY ANN, THELAWNY, and HEROSPOOT, at market quotations. — Wheal Edwards have experienced a great rise, but subsequently receied. — Cheron and West Markl AND Fourtsever have been freely sought for at improved rates, but left off weaker. — EAST RUSSELL, DRAKE WALLS, and Hossyton Down are offered at lower rates.

At WHEAL EDWARD, the new south lode has been cut through, and found to \$5½ ft. wide, worth full \$40, her fin. At the meeting, held on Thursday, the accounts showed a debit balance of 2241. 16s., and a call of 2s. 6d. per share was made. The mine generally is looking well. — MARKE VALEN has sold \$20 ton (computed), which realised 12971. 5s. 6d. — At North Phonnix, it is runnoured that an improvement has taken place in the 120, but the particulars have not yet transpired.

EAST TREEKERS: The operations generally are represented to be of a most satisfactory and encouraging character; and, although no very valuable discovery has been made, the several points now being prosecuted are, doubtless, all tending to important results, especially the \$40 cross-cut north, which is approaching a large and interesting idde, with easier ground. The rise in back of the 40 is still very good, and likely to continue. The 55 east is progressing satisfactority, and will soon get under the winze goind own in bottom of the 40, the sinking of which is much impeded at present by the insulation of the condition of the 40 the sinking of which is much impeded at present by the insulation of the 40 to several properties the sinking of which is much impeded at present by the insulations.

down in bottom of the 40, the shiring or which is a down in bottom of the 40, the shiring or which were Compured quarterly account, held on Monday last, showed a debit balance of 5501, 4s. 5d., and a call of 9s. 2d. per share was made. The agent's report is of an encouraging nature, holding out much promise on the completion of the several points in course of operation.

PERN-AN-DREA UNITED continues to look well; the lode in the shaft is valued at 604.

PENN-AN-DREA UNITED continues to look well; the lode in the shaft is valued at 60L per fm. for tin for the length; the north wail has not yet been reached The 120 end weat is worth 40L per fm., and the same level east is improving in appearance, and producing good stones of tin. The 100 end west is worth 16L per fm.; and all the other productive ends and stopes are looking much the same az for some time past.

WHEAL SEYON: The following is an epitome of a report recently furnished by a respectable and intelligent agent, inspecting for a sharholder:—"The lode in the 150 cross-cut has been cut into about 15 inches, intermixed with copper and tin throughout, and letting down the water freely, which will drain the level, and facilitate the sinking of the winze going down through a good bunch of ore. The sump-winze sink-

ing below the 140, is yielding 15 tons of ore par fm. The 140 cast, on the north caunter is worth full 6 tons par fm., with every indication of further improvement. The 140 west has been driven 20 fathoms from the cross-cut, and the lode is yielding from 3 to 4 tons per fm., and looking very promising. Prideaux' winze, sinking below the 140, on the south lode, is worth 5 tons per fm.; winze down about 8 fathoms. The pitches throughout the mine are looking well, and producing fair quantities of ore. He further states—"I am of opinion the improvement in the 140 cast is a new shoot of ore, altogether a splendid lode. By advices received yesterday, it is stated that the sumpwinze on the north caunter is worth 17 tons per fm.; the 140 cast, from 6 to 7 tons; the 140 west, from 2 to 3 tons per fm. Prideaux' winze laworth from 1 to 2 tons per fm. The north caunter lode, cut into by the 150 cross-cut, is 3½ feet wide, good for lin; they are now driving north, and expect to meet with a good course of copper ore.

East Hosswanne continues to look remarkably well; the lode in the shaft, which has been spit up into branches, appears to be coming together, when a good lode may be anticipated. The 65 west is still split up into three parts, but from present appearances likely to unite shortly; the south part is valued at 10, per fathom. The 55 east continues the same say last noticed. The stopes below are worth 161, per fathom. The same level west is worth 301, per fathom, and improving. The winze is valued at 251, per fathom. The 65 east continues the same level west is worth 301, per fathom, and improving. The winze is valued at 251, per fathom. The 51 weat is producing good alones of tin, and looking very promising for improvement. The winze is communicated with the 50, and the men have commenced to stope the back, which is worth 101, per fathom. The 60 west will pay for driving, and the same level west is looking highly promising for a great improvement. There is a branch of copper ore 10 in, wide in the end. The prospec

discovery on the shaft being sank a little deeper, as the general appearance improve as they go down.

Sr. Just Consols: By an oversight last week the remarks intended for this mine were headed "St. Just United;" but all persons having the slightest acquaintance with the latter must have understood that they were applied to the former. Capt. Carthew, in a letter dated the 13th, states that in a few months to "shall get one stamping-mill st work, and have miners working on four tin lodes; and, having stamps on the mines, can return to the very cleap. We have a fine run of mines, and can soon be roturning tin to pay cost." It is understood that the applications for shares have been numerous, and that the list, which is of an unusual respectable character, is rapidly approaching towards completion.

Sr. Just Universe: The shaftmen are engaged in fixing a plunger-lift in the 40, which when completed will soon fork the water to the bottom level, which is about 20 fms, deeper. Preparations are being made to bring Ontes's shaft into working order. The shaft was sunk about 60 years ago through some good fin ground, and from what has been seen of the lode there is an immense run of tin ground, which will be laid open, the whole cleared and in working order, in about a month hence, when a large quantity of instinsting will be ready for drawing. The asveral lodes where operations are being carried on are looking highly satisfactory, with continual improvements in the development of the same. The present returns are more than paying costs, which will be limited to about 16 tons of tin per month, until arrangements are made for more extensive operations, both on the tin and copper lodes.

DARURN MINE It is gratifying to learn that the recent decision at the Cardigan As-

tions, both on the tin and copper lodes.

Dauren Mine: It is gratifying to learn that the recent decision at the Cardigan Assizes, in relation to this mine, has placed all matters in connection with the late company in an equitable and legitimate position. It is to be regretted that any mine or its representatives should have recourse to legal proceedings to establish their rights; but in the present case nothing but a powerful and legal arm could administer justice to all parties. The arrangements arrived at will place this valuable property in a position unknown for years; and, being now divested of all that has encumbered its proper progress and improvement, there is little doubt but Darren will resume its position among the richest mines of the principality. A new lease, direct from the landholder, a newly arranged management, with new measures altogether, will place a different appearance on the mine in a few months. The underground prospects continue good, and, with the discoveries recently made, there is no apprehension as to the profits and permanency of the mine.

the mine.

Roamso Wager: The operations going on are of the most satisfactory and encouraging character; and, aithough the workings at present are on a limited scale, still the opening of the Orchard and Grady lodes fully demonstrates the necessity of the employment of a full force of operatives. These lodes have shown progressive improvements from the very first commencement; and, taking into consideration the importance and value of their composition, in connection with the other numerous lodes which traverse this extensive sett, there is more than ordinary cause to desire their complete development, more especially as a very valuable discovery of a rich course of copper ore has taken place in the adjoining mine.

James Lane.

incent, more especially as a very valuable discovery of a rich course of copper ore has taken place in the adjoining mine.

From Mr. George Batters:—Business in the market for mining shares during the week has not been so active nor so extensive as of late; the settlement of the fortuightly account on Tuesday, which was rather heavy, especially in one or two favourite stocks, so much engrossed the attention of the dealers that up to now business has not assumed its wonted course. Money continues in full supply at and under the Bulls unformer. Metals are unaltered; copper is dat and tin is frum; the position able further rise may be looked for. Thinked and the demand is good; a considerable further rise may be looked for. Thinked and the demand is good; a considerable further rise may be looked for. Thinked and the demand is good; a considerable further rise may be looked for the money of the continuous rise in Tixencory, a strong demand for Norri Guerranket have been business in Norrik Roskean, and a beavy fall in East Canapors. In this inter mine business in Norrik Roskean, and a beavy fall in East Canapors.

The continuous fall in the value of the end, for the mine is far above such ephemeral in disease. The such as a strong to do with the fall as the temporary change in the value of the end, for the mine is far above such ephemeral inducates. East Canapors are falled as the temporary change in the value of the end, for the mine is far above such ephemeral inducates. East Canapors are falled as the temporary change in the value of the end, for the mine is far above such ephemeral inducates. East Canapors are falled as the temporary change in the value of the end, for the mine is far above such ephemeral inducates. East Canapors are falled as the temporary change in the value of the end, for the mine is far above such ephemeral inducences. East Canapors are falled as the temporary change in the value of the end, for the mine is far above as the such as the temporary change in the value of the end, for the mine From Mr. GEORGE BATTERS:—Business in the market for mining shares

From Mr. James Crofts:-Occasionally, but not regularly, there ap-From Mr. JAMES CROFTS:—Uccasionally, but not regularly, therepars in the Journal contributions from a gentleman known as the "Truro (apondent," which are always read with satisfaction. The last letter of the gentlin question, published on Saturday in the Journal, proves at this moment a most resting one, and seems to have been provoked by the present very flourishing st Tuncnor Mine; but, quite independently of this mine (and of Illocans), it has o a most important question relating to the comparative depths metallic lodes are by law of Nature found productive in different districts of Cornwall; and if the the founded upon facts, here broached is worth anything at all, it is priceless in its chas a guide to the selection of mining shares for speculation and investment. Wh law of Nature found productive in directle districts of Cornwall; and if the theory, founded upon facts, here broached is worth anything at all, it is priceless in its character as a guide to the selection of mining shares for speculation and investment. Why fit is one is proved by the palpable fact that, according to the writer, there are but two districts in cornwall—ILLOGAN and GWENNAP—where the mines continue to yield ore as a rule at great depths, of which Dollocarn is cited as the deepest, and the lodes as rich, or richer, than higher up. On this point he says—"In Cornwall we only know, so far as our expetience goes, two really deep-producing districts (aiready named). In every other district, as far as yet ascertained, the limit of productiveness in depth has been reached." It would be rather ungaliant to the ILLOGAN and GWENNAP districts to stop here, when it is considered that the definition given to their powers of production of ore "in depth almost exclusively carries with it, by inference, the condemnation of all other Cornish districts in the faulility of searching for minerals beyond a prescribed depth, varying, occurse, with the locality, and hence, perhaps, we get at last at the secret of so many consists of the secret of so many and the secret of some commerciality and the secret of some commerciality and the secret of some commerciality profitable to the adventurers, whilst a glance at some of the offices in which such miss are located (without the smallest offence being meant to them) will show that a really serious question arises as to the utility of at all working a large proportion of such a have already passed the Rubicon of success, and exist only upon an unceasing series of calls, by which more injury is inflicted upon mining interests, by the depressing infinite serious question arises as to the utility of at all working a large proportion of such a have already passed the Rubicon of success, and exist only upon an unceasing series of exercicle and the production of the depressing inf

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Why ft is stricts in a rule at a rule at a rule at or richer, a court of the reached. The reached reac

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districts, such is far from being the fact."—Next to the satisfaction with which adventurers in a mine receive notice of a discovery or improvement therein, after a long period of suspense and ancertainty, is the pleasure derived by the agent who, upon the strength of some preconceived opinions, has recommended the shares at a low price, but some day to become valuable. This brief exordium is intended to apply to CEPN CLICEN LEAD MINN, in 2500 shares, aftured midway between Holywell and Wrexham, reworked about three years, and upon which 5000l, has been expended. The progress of the mine has been by no means exempt from those doubts as to utilizate results which too often baset mining properties, and from 30s, per share they were atone period almost at a nominal price, at which point (locklif of the shareholders) they were taken up by the writer, and a large proportion are held, therefore, at very iow rates. The news is that the mine improves rapidly, and its calculated that 15 tons of ore will be ready for that the mine improves rapidly, and its calculated that 15 tons of ore will be ready for the writer, and a large proportion are held, therefore, at very iow rates. The news is that the mine improves rapidly, and its calculated that 15 tons of ore will be ready for the writer, and a large proportion are held, therefore, at very iow rates. The news is that the mine improves rapidly, and its calculated that 15 tons of ore will be ready for are better than they have ever been, and at one point in the stope we have solid lead about 7 in. wide, and going down under the sump. The bottom of the shaft has improved, and spar has come in, spotted with lead and black jack (blende), a good indication, and the first time it has been seen in the mine. A further report is promised from Capt. Eddy, one of the best lead miners of the locality, which may brow additional light on the character of the discovery of "solid ore;" but enough has thus far transpired to give a sensible inapetus to the shares, which may be considered a districts, such is far from being the fact."—Next to the satisfaction with which adven-

FOREIGN MINES.

FOREIGN MINES.

ALTEN AND QUENANGEN.—Feb. 19: Queenangen—Lode E: In the 20, west of Cole's shaft, the lode is from 1½ to 2ft. in width, mixed with orey work throughout, though not quite so plentifully as when last reported. Owing to an accumulation of stuff in the 10, the driving had to be suspended for upwards of a week, but it is again of a stuff in the 10, the driving had to be suspended for upwards of a week, but it is again cleared, and operations resumed in the level. In the deep adit, cast of Saxe's shaft, the lode is over 1 ft. in width, with saving work intermixed. The pitches on this lode, as also that at A mine, continue to look much the same as for some time past; the velius of ore are not large, but yield some good quality work. The Baddern River lode continues to hold out promising indications in the stope, and the ore now breaking appears of better quality than formerly; it yields about 4 tons per fm. at present.—Italias: In the 30 west the quarts lode recently interesceted looks kindly, and shows more ore than before. No change to note in the 30 south-east, which is still in the ilmestone. In the 15 m. level stope the vein of ore has somewhat increased in size, with promising indications. The heavy-spar lode, above the 10, yields about 2 tons of ore per fm., and continues about the same size. The several small veins in the shallow adit foot-stope present a favourable appearance, and some good work is now being raised therefrom.—Old Mine: An irregular vein, about 1 foot wide, composed of chlorite, cale-spar, and ore (saving work), have been met with in the 10 south, which, doubtless, belongs to the main lode; its direction is about the same as required for our purpose, so that the level is now being driven on its course. I am in hopes that the main portion of the lode will soon be met with ngain, as we feel convinced that it cannot be far off. The workings in the roof of this level look tolerably well, where the lode varies from 3 ft, to 7 ft. in width, worth about 3 tons of ore per fm. In the wo

well throughout the mines.

NTRAL AMERICAN, Jan. 31.—In handing you our report for January.

CENTRAL AMERICAN, Jan. 31.—In nanding you our report for January, we have great pleasure in stating that every branch connected with the mining portion of the company's works has progressed in a most satisfactory manner. Our returns are somewhat above those for December, and the average ley of the ore still continues high. The sampling would have been much larger, but at the commencement of this month hands were so scarce that we were unable to man the different stopes by two-thirds the number required, and those taken on during the last fortnight or three weeks are mostly new and inexperienced hands.—San Pantalcon Mine: But little has been done in Core. hands were so scarce that we were unable to man the different stopes by two-thirds the number required, and those taken on during the last fortnight or three weeks are mostly new and inexperienced hands.—San Pantaloon Mine: But little has been done in Cornuble englise-shaft, in consequence of the Iron portion of the pitwork not being in order. The new lift of 7-inch wood pumps, with wind-bore is complete, and the elstern in order to be sent underground, so that this shaft will be in course of sinking from San Felipe ere the coming month expires. Taylor's engine-shaft has been sunk by as Englishman and four natives 7's varsa; the ground here is hard. Williams's, or new eastern shaft, which was commenced from surface during the present month, has been sunk by an Englishman and four natives 7's varsa; This pozo is situated 117 fms., at an angle of 10° 15' south of east from the brace of Cornubla engine-shaft, and on the course of San Juan, or the 10 fm. level, under Dolores, 130 fms., its size being 8 feet long by 4's feet wide, within timber; the ground is also favourable for sinking.—San Juan, or the 10 fm. level under Dolores, 140 fms., its size being 8 feet long by 4's feet wide, within timber; the ground is also favourable for sinking.—San Juan, or the 10 fm. level under Dolores, A few feet only have been driven in this level, extending east from No. 2 cross-course, in consequence of our having commenced stoping from the back on ear the end; this is only a temporary suspension until the stail is put in under the stope, when its driving will be resumed. But little alteration has taken place in lode at this point; it is 20 inches wide, and still producing a little good silver ore. In No. 4 stope, from the back of this level, east of the cross-course, the lode is 16 inches wide, and at present worth from 6 to 7 cwts. of good quality silver ore per fathom. The lode in No. 5 stope, from the back of the same level, its 2 feet wide, and has produced 5 cwts. of good quality silver ore per fathom.—San Ricardo, or fair

and producing 5 cwts. of good quality silver ore per fathom. The lode in No. 3 stope, from the back of the same level, is 2 feet wide, and worth from 6 to 7 cwts. of good quality silver ore per fathom, and presents an encouraging appearance.

SAY ANTONIO MINE.—Six men have sunk Eilery's shaft 4% varas, at \$15 per vars; for this distance the lode has been more or less productive, beling at present 15 in. wide, and worth 5 cwts. of fair quality silver ore per fathom. The ground in this shaft has been driven east a further a distance of 36% varas, at \$7 per vara; here the lode is 18 in. wide, of a most encouraging character, and has produced during the mount several small pockets of rich silver or e. The ground is also getting more settled, so that we are expecting something good ere long from this point.—Santa Rossila Mine: The level driving cast from the new south cross-cut has been driven, by four men, 15½ varas, at \$5½ per vara. We are unable to speak of any improvement in the lode at this point, which is still small and irregular. The ground is a little more favourable for driving. The total raisings of ore in January smounted to 147% tons, of an average ley of 135 cas, of silver per tore in January smounted to 147% tons, of an average ley of 135 cas, of silver per toning the company's works, the supply of native labour, and males for the conveyance of ores, facel, &c., has proved adequate to our present requirements; the period, however, is shall approaching when most of our difficulties are experienced. Fortunately, the last crop of maize was good; I hope, therefore, at the end of this dry season we shall not surfer from a dearth of corn. In the mines a large amount of work has been executed during the past month, whilst the ore rotarns have been maintained to about the average yield. Prior to the last pay-day, I minutely examined all the underground works, and I was much gratified to see the improvement in the lode in the new stopes in San Ricardel level. The average assay, too, of ore from this point is h

[EXTRACTS FROM OUR CORRESPONDENCE

At NORTH TRESKERBY the lode at the engine-shaft has greatly improved; large rocks of ore have been broken, with every appearance of its being the top of a great deposit. At the meeting, on the 7th of next month, the usual dividend of 1s. 6d. per share will be declared, and a large balance carried over.

SOUTH CARN BERA is opening up remarkably well. At the last meeting the agents anticipated that no further calls would be required. Since then a new lode has been cut through in the 6s cross-cut north, and is reported by the agents as he ing worth 40t. per fm., but other agents who have inspected it consider it worth foil 60t, per fathom. This important discovery will, in all probability, open up an immense quantity of very profitable ground, which can be takenaway at a cheap rate; and, taken in conjunction with the other important parks of the mine, will probably place South Carn Brea in a position to vie with the richest mines in the locality.

CARADON UNITED.—The progress made in de veloping these mines must be very satisfactory to the proprietary, and the discovery of copper ores is even beyond the sanguine expectations of its promoters. The drivage on the caunter lode west will average over 3 tons of black and yellow copper ore per fathom; the rise in back of adit 3 tons per fathom. The lode in trial shaft, 10 fms. from surface, is from 5 to 6 feet wide, composed of gossan, mundic, black and yellow copper ore—a splendld looking lode at the depth; this lode will shortly be cut in the deep adit, about 35 fms. from surface. Machinery for returning the ores is to be at once erected. The available balance of the company being over 30001, further calls will not be necessary, and from present appearances the mine will, it is expected, become one of the prizes of the present year.

COOLARTRA AND BOND MINES.—This company hold an extraordinary general meeting at the offices of Messrs. Marshand, Royal Insurance-buildings, Manchester, on Tuesday next, for the purposes of alpointing a directory, bankers, &c., and other b

EAST CAMBRIAN GOLD MINING COMPANY.—We understand that the directors of this company are in negociation with the ground landlord for an extension of their lease on very advantageous terms. It is confidently expected that these will meet with a satisfactory termination, and there can be no doubt that if such is the case the benefit to the company will be very great.

CARADON HILL.—Some of the most productive lodes in South and West Caradon pass through this sett. A cross-cut is being driven to intersect the whole of the lodes in the sett. Several have been cut, and one, called Davey's lode, is now being driven upon. The appearances in the bottom level justify the inference that a fine course of ore is below. When East Caradon shares were selling at 2s. 6d. per share, it was said that the nine was too far east; but Caradon Hill is not too far west, according to the opinion of some of the most successful mining operators.

TREMAYNE.—The bottom level is producing good stones of tin.

WHEAL HARRIETT.—The agents are of opinion that the main part of

opinion of some of the most successfut mining operators.

TREMATKE.—The bottom level is producing good stones of tin.

WHEAL HARRIETT.—The agents are of opinion that the main part of the lole in the 116 is standing to the north, and they have, therefore, commenced a cross-cut to prove it. Should their opinion turn out to be correct, the shares may soon be at their old price again. The lode in the 130 is producing good stones of tin. The stopes below the 100 are worth on an average 60t, per fm.

EAST BROOKWOOD (Ashburton).—During the last week some beautiful specimens of yellow, peacock, and grey copper over, from the recent great discovery at this mine, have been exhibiting in Mauchester. These proofs positive of the latent capabilities have tended to restore condence in the breasts of the Manchester adventurers, who had almost despaired of anything reality worth while being obtained in this much misrepresented locality. "Can any good come out of Nazareth?" was lately the substance of their cries. Proofs like these afforded by the East Brookwood Mine yield ample evidence of what may be expected by other mines when sufficient depth shall have been attained. It should be known that the East Brookwood Mine is scarcely more than a few feet above the River Dart; therefore at a much greater depth than the mines in the neighbourhoid of Ashburtou, where Manchester capital to a large extent has been embarked, and which has been unworthily and undescreelly depreciated. The splendid specimens referred to have a still greater importance than usual, inasmuch as they are but the heralds of a parcel preparing as a first sale from the mine, the which, if fair prices be realised, will soon put the East Brookwood Mine into a prominent position as a Devonshire copper mine, to the great benefit of its proprietary, as well as to the whole Ashburton district.—A Manchester at Money and the stance castward

the whole Ashburton district.—A MANCHESTER ADVENTURES.

ABRAHAM CONSOLS is a new mine, situated a short distance eastward of the celebrated Wheal Abraham Copperand Tin Mine, in the parish of Crowan (which furnished 200,000), for dividends in a few years), having the same lodes (three), and two th lodes besides. At a depth of only 10 ft. from surface tin has lately been raised from one of the lodes, yielding 2 cwts. 1 qr. 22 lbs. per 100 sacks of stuff, by assay. It has been set to tributers at 5s. in 11., they paying all expenses. On Wheal Abraham main lode copper ore and mundic are found. It is quite a new mine. I hear that Capt. Cowling and Mr. R. Symons (the surveyor) are the owners, to whom I wish success.

At the RHAFNA LEAD MINE (near Lilanrwst) the winze in the C level continues for stury I too of our to the shown.

main lode copper ore sand mundic are found. It is quite a new mine. I hear that Capt. Cowing and Mr. R. Symons (the surveyor) are the owners, to whom I wish success. At the RITAFRA LEAD MINIE (near Claimers, to whom I wish success, and the Clay of the Common of the Clay of the Clay

HOLLOWAY'S OINTMENT AND PILLS-OUTWARD INFIRMITIES.-Before HOLLOWAY'S UINTMENT AND FILLS—OUTWARD INFIRMITIES,—Béfore the discovery of these remedies many cases of sores, ulears, &c., were pronounced to he hopelessly incurable, because the treatment pursued tended to destroy the strength it was incompetent to preserve, and to exasperate the symptoms it was inadequate to remove. Holloway's pills exert the most wholesome powers over unhealthy flesh remove. Holloway's pills exert the most wholesome powers over unhealthy flesh relicional vigour is husbanded, while the most malignant ulers, abscesses, and skin discusses are in process of cure. Both ointment and pills make the blood richer and purer, instead of permitting it to fall into that poor and watery states of fatal to many labouring under chronic ulegrations.

Peruvian Consulate.

PROPOSALS are REQUESTED for a CONTRACT to be entered PROPOSALS are REQUESTED for a CONTRACT to be entered into for the DRIVING an ADIT or TUNNEL in the MINERAL DISTRICT of the CERRO DE PASCO, in PERU, for the PURIOSE of DRAINING the SILVER MINES of WATER, or for the ACCOMPLISHMENT of the SAME OBJECT through the MEANS of PUMPING by STEAM POWER. Reliable surveys and plaus of the ground may be inspected at this Consulate, where also the conditions and terms of the undertaking can be treated of with the Commissioner of the Corporation of Miners, who is authorized by the Peruvian Government to grant its guarantee for the fufflment of the terms.

Peruvian Consulate, No. 11, New Broad-street, E.C., February 24, 1863.

TO MINING COMPANIES.—WANTED by the ADVERTISER, who is a THOROUGHLY PRACTICAL MINE AGENT, a SITUATION. either at home or abroad. Can be well recommended by late employers.—Address, "H. A.," MINING JOURNAL office, 26, Fleet-street, London, E.C.

TO SWEDISH IRON MERCHANTS AND MANUFACTURERS.—WANTED, an AGENCY for the SALE of SWEDISH PIG and BAR IRON in SHEFFIELD and neighbourhood.—Address, "H. H.," MINING JOURNAL Office, 26, Fleet-street, London, E.C.

TO CIVIL ENGINEERS.—WANTED, by a contractor, an EXPERIENCED ENGINEER, thoroughly well up in levelling, setting out, suring up work.—Apply to T. Nelson Grosmont, York, contractor's office.

A CIVIL AND MINING ENGINEER is DESIROUS of RECEIVING into his office a YOUNG GENTLEMAN as a PUPIL, A moderate premium required,—Address, "C. B. A.," MINING JOURNAL Office, 26, Fleet-street, London, E.C.

GENTLEMAN in the MINING ENGINEERING A PROFESSION is at present OPEN to RECEIVE ONE or TWO ARTICLED PUPILS, where they would have every opportunity of gaining experience in the viewing, surveying, and valuing coal and lead mines in Waies.—Apply to Messrs. L. and J. Allington Hughes, solicitors, Wrexham.

PARTNERSHIP.—WANTED, in a SAFE and PROFITABLE BUSINESS, a PARTNER to TAKE an ACTIVE PART in the MANAGEMENT. This is a first-rate opportunity. About £1000 or £1500 required. Satisfactory references.—Address, in the first instance, by letter, to "W. G.," care of Mr. Hall, Barham House, Penclawdd, Swansea.

WANTED TO PURCHASE OF HIRE by the ROTHERHAM, MASERO, AND HOLMES COAL COMPANY (LIMITED), ROTHERHAM. TIFTY to ONE HUNDEED 6 OF 8 ton COAL WAGONS, with side and bottom doors—Address, with terms, to Mr. Cooper, manager.

COAL, IRONSTONE, AND BLACKBAND.—TO BE LET, in the LLYNFI VALLEY, GLAMORGANSHIRE, SEVERAL EXTENSIVE TRACTS. Workable by level, Already won. Raliway passing over the properties.—Apply to Samuel Dobson, Esq., C.E., Cardiff.

MONEY.—CONTRACTORS and OTHERS can be IVI ACCOMMODATED with LOANS, DISCOUNTS, &c.—Apply to Messrs.
WILEINSON and Co., monetary negociators and arbitrators, &c., 25, Birchin-lane, Cornnill, London, E.C.

No. 30, Strand, being suddenly required by the Charing-cross Railway Company,
Mr. WHITTON ARUNDELL has REMOVED his office to No. 11, WATERLOO
PLACE, PALL MALL.

THE NORTH POOL MINING COMPANY.—
The following circular has been issued to the shareholders:—
TO THE SHAREHOLDERS IN THE NORTH POOL MINING COMPANY.

I beg to inform you that a GENERAL MEETING of shareholders in the above company will be HOLDEN, at these coffices, on MONDAY, the 23d day of March inst., at One o'clock precisely, when the favour of your attendance is requested.

Important resolutions as regard the future conduct and working of the company's property will be submitted, discussed, and, I trust, unanimously adopted.

I am, Sir, yours faithfully,
13, Cornbill, London, E.C., March 11, 1863.

J. W. WATSON, Sec.

INCROFT MINING COMPANY.—Notice is hereby given, that the ANNUAL GENERAL MEETING of the shareholders in this company will be HELD at the company's offices, No. 1, Winchester-buildings, Great Winchesterstreet, London, on TUESDAY, the 14th of April next, at Two o'clock in the afternoon precisely. And such meeting is made special for the purpose of considering such additions to, and afterations in, the present rules and regulations of this company as will be submitted for consideration pursuant to the resolutions of the special general meeting of the 1st of December, 1862, and to pass resolutions in reference thereto.

Dated March 18, 1863. By order of the Board, HIRAM WILLIAMS, Sec.

MYNDY IRON ORE COMPANY (LIMITED).—Notice is kereby given, that the FIRST ANNUAL GENERAL MEETING of the share-holders in the above company will be HOLDEN at the office of Measure. John Taylor and Sons, No. 6, Queen-street-place, Upper Thames-street, on MONDAY, the 30th day of March inst., at One o'clock at noon precisely.

Pursuant to notice, the transfer books are closed until after the 30th inst.

London, March 16, 1863.

By order, N. M. MAXWELL, Sec.

AGUNAZO SULPHUR AND COPPER COMPANY
(LIMITED).—Notice is hereby given, that the THED ANNUAL GUNDANY

(LIMITED).—Notice is hereby given, that the THIRD ANNUAL GENERAL MEETING of this company will be HELD at the offices, No. 43, Moorgate-street, E.C., on MONDAY, the 30th March inst., at One o'clock precisely.

43, Moorgate-street, E.C., March 20, 1863.

C. O. ROGERS, Sec.

NOUVELLE MONTAGNE COMPANY.—The ANNUAL GENERAL MEETING of shareholders will be HELD on MONDAY, the 20th April next, at the offices of the company, at Engls, near Liege, at Half-past Eleven A.M. VICTOR SIMON, Le Directeur Generale de la Societé.

Verviers, le 4 Mars, 1863.

Verviers, 16 4 Mars, 1863.

VEST MARIA AND FORTESCUE MINES.—
The PUBLIC are respectfully CAUTIONED, BEFORE PURCHASING SHARES in these mines, to ASCERTAIN the TITLE under which they are held, several thousand shares having been disposed of contrary to the law of the Stamaries Court, under which jurisdiction this company is professed to be conducted. A Bill in Chancery has been, or will shortly be, filed, to recover the shares of several shareholders who have been deprived of their interest.

The undersigned will be glad to reader every information to the purchasers of such shares, who may have bought believing the title to be good, and also to others who have been deprived of their interest in the mine, and who are invited to co-operate in recovering the same.

THOMAS FULLER, 26, Change-aley, Cornhill, London, A holder of 624 shares.

THE WEST OF ENGLAND COAL AND IRON COMPANY (LIMITED).

To be incorporated under the Companies Act, 1862, whereby the liability of shareholders is limited to the amount unpaid on their shares.

Capital £100,000, in 20,000 shares of £5 each.

Deposit £1 per share on application, and £1 per share on allotment,
Future calls will not exceed 20s, per share, at intervals of not less than three months.

In the event of no allotment being made, deposits to be returned in full.

CHAIMAN—T. W. COWAN, Eq., Kent Ironworks, Greenwich.

BANKEIS—The Metropolitan and Provincial Bank, Cornhill, London.

TEMPORARY OFFICES.—7, EARL STREET, BLACK FRIARS, LONDON, E.C.
This company is formed for the purpose of working collieries and iron mines in the Forest of Dean.

Prospectuses, reports, and forms of application, to be obtained at the offices of the company.

THE POWELL UNITED SILVER-LEAD MINING COMPANY (LIMITED), CARDIGANSHIRE.

Specimens of the ore may be seen at the offices, 61, Princess-street, Manchester, where also prospectuses and forms of application for shares can be obtained.

A. B. SPRIGG, Sec.

A. B. SPRIGG, Sec.

THE BROADWAY AND TYNTWLL COAL AND CANNEL.

COMPANY (LIMITED).

To be registered under the Joint-Stock Companies Act, by which the Hability of
shareholders is limited to the amount they each subscribe for.

Capital £30,000, in 15,000 shares of £2 each. Deposit on application, 5s. per share,
and 15s. on allotment.

Should any of the shares applied for not be allotted, the deposit will be returned in fullDIRECTORS

To be chosen by the shareholders at their first meeting.

BANKERS—Union Bank (Limited), Manchester: North and South Wales Bank, Mold.

SOLICITOR—Francis Marriott, Eqs., Norbik-sireet, Manchester.

SERETARIES (pro tem.)—Meesrs. Vaughan and Sprigg.

TEMPORARY OFFICES—61, PRINCESS STREET, MANCHESTER,
Where prospectuses and forms of application can be had.

THE GREAT DEVON AND BEDFORD (COLCHARTON) COPPER MINING COMPANY (LIMITED), TAVIST

COPPER MINING COMPANY (LIMITED), TAVISTOCK, DEVON.
Incorporated pursuant to the Companies Act, 1862.
Capital, £25,000, in 10,000 shares of £2 10s. each.
Deposit, 10s. per share on application, and £1 on allotment.
Solictrons—Messrs. Hare and Whitfield, 1, Mitre-court, Temple.
Bankers—The City Bank, Threadneedle-street.
Becker—Septimus Parrott, Esq., 1, Crown-court, Threadneedle-street.
Manager—Capitain George Richards.
Secretary—Mr. H. Brook.
OPPLICE—11, TOKENGUISE, VARD, E.C.

OFFICE-11, TOKENHOUSE YARD, E.C.

The object of this company is to purchase the freshold estate of Colcharton, and to develope its mineral wealth. The estate is surrounded by productive mines, being bounded on nearly three sides by the Davon Great Consols sett, and on the remaining portion by the Bedford United and Wheal Crebor. Four main lodes of the above mines pass through the estate, intersected by a cross-course and caunter lode. It consists of 67 acres of well cultivated land, with homesteed, &c., and the purchase will be effected for £10,000 in cash, and £5000 in shares, leaving £10,000 for working capital. The quays on the Tamar, being only 2½ miles distant, offer great facilities for carriage. Large profits may reasonably be auticipated from iand so rich in minerals, considering the entire exemption of this company from the usual royalties, and that the adjoining Davon Great Consols returns £50 in yearly dividends on each £1 share, after paying royalties. Favourable reports have been obtained from the best authorities. The following is from the manager of the Devon Great Consols Aline, Oct. 21, 1862.—At your request, I have surveyed the Col-

ger of the Devon Great Consols:—

Devon Great Consols Mine, Oct. 21, 1862.—At your request, I have surveyed the Colcharton mining sett, in the parish of Tavistock. This property is situated in the immediate neighbourhood of the most productive mines of the Tavistock district, and the geological features are precisely similar. It is bounded on the north, east, and west by the southern portion of the Devon Great Consols, and south by Wheal Crobor; and comprises within its limits the Devon Great Consols Wheal Thomas lode, and the Tavistock, as well as the main lode of the Bedford United Mines. It is also traversed by the Wheal Crebor cross-course, and, being in the midst of the good mines above mentioned, there is every probability of its proving a successful speculation. JAMES RICHARDS. Many other reports, with prospectuses and forms of application for shares, may be obtained at the office of the company, and of the broker.

FURTHER ISSUE OF SHARES.

At the FIRST ORDINARY GENERAL MEETING of the Great Devon and Bedford Mining Company (Limited), held at the London Tavern, on the 9th inst., it was resolved that the BILARE LIST be RE-OPENED to the public until Capt. Richards, the manager, commences operations at the mine, when the list will be finally closed.

H. BROOK, Sec.

NORTH BELABOLE SLATE AND SLAB COMPANY (LIMITED),

To be incorporated under the Companies Act, 1862.
Capital £50,000, in 10,000 shares of £5 each.

10s. per share on application, and £1 10s. on allotment.
The remainder in calls, as required, of 10s. per share, and at intervals of not less than three months, of which due notice will be given.

than three months, of which due notice will be given.

G. BRAGINTON, Esq. (Messrs. Braginton, Rimington, and Co.), Torrington, Devon.
Director of the United Kingdom Electric Telegraph Company (Limited).

E. J. BLUMENTHAL, Esq. (Messrs. J. Biumenthal Sons), 68, Fenchurch-street.
EDWARD F. ELLIOT, Esq., The Mount, Harrow (late Chief Magistrate of Madras).
Lieut.-Col. G. M. GUMM, 21, Beaumont-street, W.

F. B. B. NATUSCH, Esq., 20½, Great St. Helen's, and Lloyds, E.C. (Director of the English and Irish Bank).

W. S. ROSEYEAR, Esq., Boscastle, Cornwall.

BANKERS—English and Irish Bank, 25, Poultry; Messrs. Braginton, Rimington, and Co., Torrington, Devon.

Solicitrons—Messrs. Sutton and Ommancy, 8, Basinghall-street.
BROKERS—Messrs. Coss, Bedford, and Co., 4, Lothbury, E.C.
BROKERS—Messrs. Coss, Bedford, and Co., 4, Lothbury, E.C.
OFFICES,—I., GREAT WINCHESTER STREET, LONDON, E.C.

OFFICES,-1, GREAT WINCHESTER STREET, LONDON, E.C.

OFFICES,—I, GREAT WINCHESTER STREET, LONDON, E.C.

PROSPECTUS.

This company has been formed to work the North Delabole, Bowithick, and Trenouth Quarries, near Camelford, Cornwall, which are now united under the above title.

The North Delabole Quarry is at present in work, and has been worked with great profit for many years, but quietly, by a private firm, and only to the extent of the water-power on the property. The face of this quarry is at present 200 ft. high by 140 ft. long, and contains a vein of excellent slate traversing its whole length, and 85 ft. deep. The wein is divided into three runs; the upper containing 40 ft. of good slate, valued at £10 per fm.; the middle 22 ft. of slate of the finest quality, at £16 per fm.; and the under run containing 23 ft. of slate of the same quality and value as the upper. Fifty feet in breadth of this mass is now uncovered, ready for quarrying, and is valued at the sum of £31,808. From the face of the quarry to the boundary is 385 ft., and this portion is estimated to contain upwards of £260,000 worth of slate. (Fide Reports.).

From the well-known character of the formation of this rock, and from the general contour of the land, no doubt is entertained by experienced and practical authorities that this vein is prolonged into Trenouth.

The roads to the present shipping bort at Boscastle are established, pass close by the quarry boundary, and are in excellent condition.

The directors have agreed to purchase the leases of North Delabole, Bowthick, and Trenouth Quarries for the sum of £13,000, on the following terms:—£6500 in cash, and £6500 in paid-up shares of the company, these shares not to participate in dividends until after a dividend of not less than 5 per cent. has been declared on the other shares. This sum includes the plant and machinery now in use at North Delabole, as well as buildings on Trenouth, consisting of office, smithery, least, transways, and sheds for planting, &c.

plaining, &C.

The leases are for 21 years respectively (the Tronouth leases renewable for a period of 40 years), on favourable terms as regards rent, dues, and surface damage.

The excellent quality of the produce of North Delabole is well known, being sold as soon as raised, and it is now proposed, under the ablest engineering advice, and with the aid of steam and machinery to extend the present limited workings, and open out this vast and valuable mass of siste in the most effectual and economical manner, so as to maintain its present rate of profit, which is stated to be from 40 to 50 per cent.

Extracts from the reports of practical quarry managers are annexed.

Any further information may be obtained at the offices of the company, where the reports in extense, a plan of the quarries, and specimens of the slate may be inspected.

Prospectuses and forms of application for shares may be obtained of the brokers, Messrs.

Ross, Bedford, and Co.; the solicitors, Messrs, Surron and Ommanner; Messrs, Brackingor, Rimington, and Company, Bankers, Torrington, Devon; and at the offices of the company.

CINTON, RIMINGTON, and Company, Bankers, SUTTON and OMMANNEY; Mossifs, Bhathe company.

EXTRACT FROM THE REPORT OF CAPTAIN ENSOR.

The Bowithick (North Delabole) Quarries have been worked for the last 40 years very successfully, and yielded a profit of from 40 to 50 per cent. The slate is of the very best quality, even superior to that produced at the Old Delabole. This property, in connection with the Trenouth Quarry, and the place of land you have obtained between the two, will enable you to carry out the works on a very extensive scale, by giving you maple space for depositing the waste; in this land you have also available water-power. The best layers of slate rock in this quarry, like all others in the neighbourhood, are known to run parallel to a lode or clay vein, and which has been followed to within about 100 yards of the Trenouth grant, therefore there cannot be a question as to its extending linto that land; and if the latter property is properly laid out, in two years there will be as good quarries in the Trenouth portion as are now being worked in the Bowthick; in fact, a glance at the ground will convince any practical man that quarries to an atmost unlimited extent may be laid open in this piece of ground alone. After all my experience in slate quarries, particularly in this neighbourhood, I am convinced these quarries will become the Delabole of Cornwall. There are shipping ports very near to this property, from which slates in any quantity may be exported. Captain Timey estimates the cost of removing the top or waste rock at 6s. per fm., which would not amount to £6000. From this statement it is, therefore, clear that, without extending the works, £284,000 worth of slate can be laid open for at most a sum of £8000 j. but in this extensive field any amount of capital may be profitably employed, varying from £15,000 to £100,000. The amount of annual profits will depend on the number of men employed, but the percentage will always be about the same upon any capital invested in this most promising

Up to the Bo 150 by 88 by 85-say

JOINT-STOCK COMPANIES PROMOTED.
REPORTS, PROSPECTUSES, NEWSPAPER NOTICES, &c., PREPARED and ADVERTISING METHODISED, by Ma. LEE STEVENS, No. 36, CANNON STREET, LONDON, E.C.

FINANCIAL AND ENGINEERING CONTRACTS.

In the Court of the Vice-Warden of the Stannaries. ries of Cornwall.

IN the MATTER of the COMPANIES ACT, 1862, and of the EAST WHEAL DAMSEL MINING COMPANY.—By an order made by His Honour the Vice-Warden of the Stannaries in the above matter, dated the 12th day of March inst., on the petition of James Willis Gilbert, a contributory of the said company, and Joseph Micheil, a contributory and also a creditor of the said company, it was ordered that the said East Wheal Damsel Mining Company should be WOUND-UP by this Court, under the provisions of the Companies Act, 1862.

S. T. G. DOWNING, Redruth
(Solicitor for the Petitioners).

HODGE, HOCKIN, AND MARRACK
(Agents of the said Solicitor).

In the Court of the Vice-Warden of the Stannaries. Stannaries of Cornwall.

IN the MATTER of the COMPANIES ACT, 1862, and of the WHEAL FURSDON MINING COMPANY.—All CREDITORS or CLAIMANTS of the ABOVE-NAMED COMPANY who have not received notice from the Resistrar of the said Court that their claims have been already admitted, are hereby REQUIRED to COME IN and PROVE THEIR several DEBTS or CLAIMS at the Registrar's office, Truro, on or before the lat day of April, 1863, or in default thereof they will be excluded from the benefit of any distribution made before such proof. And for the purpose of such proof they are either to attend in person, or by their solicitors or competent agents, or (unless such attendance be required by the Registrar's summons) they are to send affidavits of their several debts or claims to the Registrar of the Court, at Truro, such affidavits being sworn either before some commissioner of the said Court, or before any court, judge, justice, or any commissioner of one of the superior Courts, lawfully authorised to take and receive affidavits and affirmations.

W. MICHELL, Registrar of the above-named Court, Dated Truro, March 13, 1863.

In the Court of the Vice-Warden of the Stannaries. Stannaries of Cornwall.

Stannaries of Cornwall.

In the MATTER of the COMPANIES ACT, 1862, and of the SOUTH WHEAL KITTY MINING COMPANY.—ALL CREDITORS or CLAIMANTS of the ABOVE-NAMED COMPANY who have not received notice from the Registrar's of the said Court that their claims have been already admitted, are hereby required to COME IN and PROVE THEIR SEVERIAL DEBTS or CLAIMS at the Registrar's office, Trure, on or before the 11th day of April next, or in default thereof they will be excluded from the benefit of any distribution made before such proof. And for the purpose of such proof they are either to attend in person, or by their solicitors or competent agents, or (unless such attendance be frequired by the Registrar's summons) they are to send affidavits of their several debts or claims to the Registrar of the Court at Trure, such affidavits being sworn either before some commissioner of the said Court, or before any Court, judge, justice, or any commissioner of one of the superior courts, lawfully authorised to take and receive affidavits and affirmations.

WILLIAM MICHELL,

Dated March 19, 1863. Registrar of the above-named Court, Trure, Cornwall.

MINE SHARES FOR SALE. MESSRS. W. HOSKEN RICHARDS AND A. BERRYMAN

MESSRS. W. HOSKEN RICHARDS AND A. BERRYMAN

Are instructed by the Executors of the late Thomas Coulson, Esq., deceased, to

OFFER FOR SALE, BY AUCTION, at the Union Hotel, Penzance, on Thursday, the

26 of April, 1863, at Three o'clock in the afternoon, the UNDERMENTIONED MINE

SHARES, viz.:—4 (190ths) in BOSORNE AND BALLOWALL.

5 (290ths) in WHEAL REETH.

10 (1900ths) in TRUMPET CONSOLS.

50 (1310ths) in BALLESWIDDEN.

3 (672ds) in DING DONG.

3 (119ths) in BOSWEDDEN.

1 (192d) in CARN GALVER.

10 (1248ths) in BOSCAN.

40 (2048ths) in BOSCEAN.

40 (2048ths) in CARNYORTH.

30 (794ths) in SPEARNE CONSOLS.

Further particulars may be obtained of either of the auctioneers, Penzance.

Dated March 16, 1863.

GREAT LAXEY MINING COMPANY, ISLE OF MAN.

MR. RABY WILL SEILL, BY AUCTION, at his Auction Mart,
Drumgold-street, Douglas, on Thursday, the 16th April next, a NUMBER of
SHARES in the ABOVE-NAMED COMPANY, the property of the late John Colton
Tupper. By order of John Robert Oliver and W. Berey, trustees of the said estate.

The Auction to commence at Twelve o clock.

A. W. ADAMS
L. W. ADAMSON

THE TORBANEHILL MINERAL.
FOR SALE, BY AUCTION, A QUANTITY OF AT LEAST SEVERAL
THOUSAND TONS OF THIS CELEBRATED MINERAL.

MESSRS. P. BURN AND CO. WILL SELL, BY AUCTION, within the sale rooms, 9, Exchange-place, Glasgow, at Twelve o'clock noon, on 16th April next, a LARGE QUANTITY of the MINERAL in question, in lots to suit purchasers. The quality will be equal uniformly to the best in the market. Samples will be seen, and particulars learned, on application to Messrs. P. Burn and Co.; or to Mr. James Robertson, mineral manager for Mr. Gillespie, Torobanelish House.

P. BURN AND CO., Auctioneers, Co.

CLEVELAND BLAST FURNACES. CLEVELAND BLAST FURNACES.

CAPITALISTS.—FOR SALE, a FREEHOLD ESTATE, commanding 16 ft, thick of the VALUABLE CLEVELAND BANDS of IRONSTONE, the desire of the advertiser being the CO-OPERATION of a FEW GENTLE-MEN to JOIN in the ERECTION of FURNACES on a most eligible site. A price is fixed for the freshold, the stone to stand only 3d. per ton, and will carange to invest one-half the purchase in the works, and also bring in a practical capitalist, and at least one-fourth of the remaining required capital.

The furnace being on the top of the stone itself, abundant water and sing deposit ground on the estate, coke, coal, and limestone at the minimum rate of the district, the Yorkshire and Cleveland Railway and a station in front of the pig beds, &c., present a combination for economic production not to be excelled.—Address, "H. C.," MINING JOURNAL office, 26, Fleet-street, London, E.C.

SPECULATIVE MINERS.—TO LET, the VALUABLE MINERALS of a LARGE ESTATE, pleasantly situate on the YORKSHIRE COAST, near SCARERO, abounding with IRONSTONE of the Cleveland band, famous MULGRAVE CEMENT STONE, rich SEAMS of JET, ALUM ROCK, SHALE for making fire-bricks, &c., LIAS LIMESTONE, and capital FREESTONE for building purposes. A commodious manager's residence, offices, &c.; paddock, garden, labourers' cottages, extensive outbuildings, &c. Allor any portion to be had at a moderate royally or rent.—Apply to Mr. Hammond, Peckham-rye, Surrey.

OCHRE OR UMBER WORK FOR SALE,—FOR SALE, BY OFRE OR UMBER WORK FOR SALE.—FOR SALE, B
PRIVATE CONTRACT, a VALUABLE UMBER or OCHRE WORK, I
CORNWALL. The limits of the sett are extensive, and the dues moderate. The grout
has been worked by the present towners for 15 months, with very considerable profit, ar
they now sell because the undertaking is out of their usual line of business. The lot
is casily worked, and has been sufficiently developed to enable parties to judge for then
selves of its value.—For terms, and all information, apply to Mr. Chilcort, solicito
Truro.—Truro, March 18, 1863.

FOR SALE, THREE STEAM BOILERS, 60 horse power on the Cornish plan, with domes on, by flick and Sons, of Bolton, working at 40 lbs. pressure, under inspection of the Manchester Association for Prevention of Explosions. TWO 50 horse ditto, TWO 40 ditto, and THREE of 30 ditto. ONE 70 in. PUMPING CONDENSING BEAM ENGINE, ONE 48 in. ditto, and ONE 45 in. DIRECT ACTING HIGH PRESSURE and CONDENSING PUMPING ENGINE, with BOILERS, &c., complete. The above articles are in good working order, and will be solid cheap, as in some instances their room is required for other purposes.—Apply to J. P. Forster, Queen's Chambers, Market-street, Manchester.

ST. HELEN'S, LANCASHIRE.

ST. HELEN'S, LANCASHIRE.

TO BE LET, ON LEASE, the EXTENSIVE MANUFACTURING PREMISES known as the RAVENHEAD COPPER SMELFING WORKS, situate at ST. HELEN'S, with a wharf on the canal, and a branch of the St. Helen's fallway running through the property.

The entire site is about 30 acres, of which about five acres are occupied by the works, the remainder being arable and pasture land.

The buildings comprise a series of very substantially erected, light, and lofty ground floor factories, arranged for the purposes of copper and silver smelling works, but they will-be available for many other large manufacturing establishments, as they possess the advantage of direct communication by rail or water carriage with all parts of the kingdom. Coals can be obtained from pits in the neighbourhood at an almost nominal price, and labour is cheap and abundant.

For particulars, apply to Messrs. Fully and Horsey, 13, Billiter-street, London, 25, and Messrs. Harrison and Fincis, 2, Gray's Inn, London.

IMPORTANT TO MINING COMPANIES.

MYTH AND WASLEY'S MACHINERY FOR SPALLING
AND SEPARATING THE ORE FROM THE STONE, &c.
A NEW and USEFUL MACHINE, termed a PREPARATOR, has recently been
patented by Messra. SENTH and WASLEY, having for its objects the SPALLING and
SEPARATING the ORE from the STONE, and FORMING it into PROPER SIZES
for PICKING, JIGGING, CRUSHING, &c., according to the nature and quality

for Fig. 13. Activates.

The construction is simple, the bed on which the stuff is broken being made of calcing plates, about 14 in. deep, 2 in. wide on the top, and narrowing downwards, we wrought-iron steeled edge bars on the top, the plates and bars being from 1½ in. to 2 apart, and can be regulated to any size, as may be required, through which plates is stuff passes as it is broken with the hammers unto perforated plates, which form into different sizes, from 1½ in. cube downwards, which plates can also be regulated may be required. The machine can be erected in connection with other machinery. from 1 % in. to 2 in. about £15 per hammer, as driving power. Two, three, four, or any number may be had as required. Four of from 4 to 5 cwts. each will break ab

per month.

This invention well deserves public notice, as it will decidedly effect an economy
70 per cent, over manual labour, together with a great advantage in the dispatch of wor
performing it far better than any other mode yet introduced, and several practical ge
tiemen, who have seen it at work at the Coed Mawr Pool Mines, fully corroborate it

above statement.

The charge for patent right will be on the most advantageous terms.

The largest mine in the kingdom may exercise its full use at 51, per month, and the charge to be reduced proportionately according to the magnitude of the works, or the patent may be sold off to each mine district or county, as might be agreed on. For future particulars, apply to Messrs. SMYTH and WASLET, Coed Mawr Pool Mines, Lianrwst, North Wales; or to G. I. SOPER, Esq., 25a, Bucklersbury, E.C., London.

16/1

In Chancery.

DURSUANT to a Decree of the High Court of Chancery, made in a Cause Hardy against Moore, the CREDITORS and also the INCUMBRANCERS on the REAL ESTATE OF EDWARD HARDY, formerly of HUASCO, in the state of CHILI, in SOUTH AMERICA, but late of FAIRLAWN, in the township of SHAROW, and parish of RIPON, in the county of YORK, Esq., who died in ce about the month of November, 1862, are, by their solicitors, on or before the 9th day of June, 1863, to COME IN and PROVE THEIR DEBTS at the Chambers of the Master of the Rolls, in the Roll's-yard, Chancery-lane, Middlesex, or in default thereof they will be peremptorily excluded from the bonefit of the and Decree.

Friday, the 19th day of June, 1863, at Twelve o'clock at noon, at the said chambers, is appointed for hearing and adjudicating upon the claims.

Dated this 6th day of March, 1863.

GEO. WHITING, Chief Clerk.

In Chancery.

Between JOSEPH FOSTER LLOYD, WILSON LLOYD, and WILLIAM HERRY LLOYD, plaintiffs; and DANIEL PEARSON, defendant.

NOTICE IS HEREBY GIVEN, that an Order for an INJUNCTION has this day been made in the above Cause, by His Honour the Master of the Rolls, to RESTRAIN the above-named DEFENDANT, DANIEL PEARSON, from DRAWING, ACCEPTING, ENDORSING, GIVING, or NEGO. CLATING, any BILL OF EXCHANGE or PROMISSORY NOTE in the NAME of "THE MADELEY COAL AND IRON COMPANY," or in the name of "LLOYD, FEARSON, AND LLOYDS," or in any other name or way whereby the above-name plaintiffs or their partnership effects shall or may be rendered liable to pay the same from otherwise engaging the credit of the partnership in any way.

And ALL PERSONS are hereby CAUTIONED AGAINST DISCOUNTING, REACHING, or NEGOCIATING any such BILLS OF EXCHANGE or PROMISSORY NOTES, or having any dealing with the said Daniel Pearson whereby he may attempt in any way to engage the credit of the plaintiffs or their partnership effects.

S. F. MILLER AND SON, Sussex Chambers, Duke-street, St. James's, London, Agents for John Hunt Thursfield, Wednesbury, Staffordshire, Solicitor for the above-named Plaintiffs.

NOTICE IS HEREBY GIVEN, that the DADONE CONTROL OF the ADDONE CONTROL OF THE AD

Dated this lith day of March, 1893.

NOTICE IS HEREBY GIVEN, that the PARTNERSHIP heretofore subsisting between DANIEL PEARSON and us, the undersigned, JOSEPH FOSTER LLOYD, WILSON LLOYD, and WILLIAM HENRY LLOYD, in the business of COAL AND IRON MASTERS, carried on by us at MADELEY, in the country of STAFFORD, under the style or firm of THE MADELEY COAL AND IRON COMPANY, or under any other style or firm whatsoever, was DISSOLVED by us, as to the said Daniel Pearson, on Tuesday, the 10th day of March inst., by virtue of a power contained in our partnership deed, and from that date the said Daniel Pearson has ceased to be in partnership with us.

DosePH FOSTER LLOYD, WILSON LLOYD, WILSON LLOYD, WILLIAM HENRY LLOYD,

EAST ABRAHAM MINING COMPANY, CORNWALL Capital, £6000, in 600 shares of £10 each.

With power to increase or reconstitute under the Act of Limited Liability, by consent of shareholders holding two-thirds of the capital stock of the company. The directors and officers to be chosen at a meeting to be held immediately upon closing the list.

Deposit, £1 per share upon application, and £1 10s. upon allotment, the balance by quarterly instalments.

This important mining property is situated in the richest copper mining district of Cornwall, distinguished by the immense riches returned from the same lodes in the adjoining mines, exceeding the amount of £2,500,000 sterling.

The results from operations of six mines paying dividends have affixed a present marketable value as follows:—

DIVIDEND MINES.

Mines.

No. of shares.

Paid.

Price.

Div. per share.

tribute, from which considerable profits may be realised during the further operation of the mine.

The company consists of 600 shares of £10 each, under the Cost-book System. The estimates made of the amount of capital requisite to supply all necessary machinery, &c., and for bringing the mine into a profitable and dividend state is £2000. An advantageous agreement has been made to purchase the lease of the sett, with the work already done, which has aircady cost above £7500 (and would require above 18 months to accomplish), for the sum of £750 in cash, and 100 shares credited £5 paid, liable to calls beyond that amount like the ordinary shares; the promoters thus evincing their great confidence in the value of the property, and the success of the undertaking.

A limited number of shares are for disposal, subject to calls as stated above. It is seldom that such an opportunity occurs to invest a limited amount of capital with the certainty of realising immediate profits, as that represented in East Abraham; it being anticipated before the full amount is required shares will advance in price, and command a value of at least 100 per cent. The object of the proprietors is to limit the number of shares to bona fide shareholders, feeling confident they will steadily advance in price, at the operations progress, and become a permanent investment, in preference to having a large number of shares floating in the market, and, consequently, subject to great flectuations in price.

Surveys have been made by the agents, to whose reports reference is given as to the richness of the ore and the capabilities of the mine.

Application for prospectuses and forms for the remaining shares to be made to Messriferiness of the ore and the capabilities of the mine.

Application for prospectuses and forms for the remaining shares to be made to Messriferiness of the ore and the capabilities of the mine.

EAST ABRAHAM MINING COMPANY.—
NOTICE.—APPLICATIONS for the REMAINING SHARES will be RECEIVED until THURSDAY, the 26th March, after which the LIST will be FINALLY
CLOSED, and the shares allotted,
March 21, 1863.

T. FULLER AND CO.

THE ANGLO-PRUSSIAN MINING COMPANY
(LIMITED).

ISSUE OF EIGHT PER CENT. PREFERENCE SHARES.
Capital £100,000, in 20,000 shares of £5 each, divided into 14,000 preference 8 per cent.

Deposit, 10s. per share on application, and 10s. per share on alloiment, making the first call of £1 per share.

No further call for at least twelve months.

Subsequent calls will not exceed 10s. per share, or be at less intervals than three months.

The deposit will be returned in full on all shares not allotted.

DIRECTORS.

Major-General YOUNGHUSBAND—CHARMAN.
PARKE PITTAR, Esq. (Messrs. Parke Pittar and Co.), 26, Gresham-street.

REGINALD READ, Esq., MD., Director of the Crystal Palace Company.

WILLIAM ROBERTS, Esq., Director of the Jorehaut (Assam) Tea Company.

PHILIP WRIGHT, Esq., Director of the Great Barrier Land, Harbour, and Minst
Company.

SOLUCTORS—Messry. Valuese and Valuese 20. Ever three fixed card.

Mpany.

SOLICITORS—Messrs. Vallance and Vallance, 20, Essex-street, Strand, and George-yard, Lombard-street, London.

BULTING ENGINERRS—Messrs. Phillips and Darlington, Moorgate-street Chamber Moorgate-street, London.

BANKERS—Bank of London, Threadneedle-street, E.C.

AUDITORS—Lieut, Watson, R.N., Exmouth; Charles Wescomb, Esq.,

Southernhay, Exeter.

Southernany, Exeter.

BROKERS.
London Messrs. Froom Brothers, 20, Change-alley, E.C.
Leeds Messrs. Potter and Co.
Manchester ... Messrs. Gorton Brothers and Pooley, Newmarket Chambers.
Dublin ... Messrs. Smyth and Du Bedat, 11, College-green.
Exeter J.O. Harris, Esq., 24, Southernhay.

SEGREFANY—J. H. Murchison, Esq., F.G.S.
OFFICES ... T. DISJOURGEARS.

OFFICES,-117, BISHOPSGATE STREET WITHIN. Prospectuses, forms of application for the 8 per cent, per annum preference A share particulars of the mines, reports and map, and all other information, can be had of the brokers, or at the offices of the company, 117, Bishopsgate-street Within.

THE QUEEN'S HOTEL, ABERYSTWITH.

ENLARGEMENT OF CAPITAL BY £20,000.
In 2000 shares of £10 each (limited).

Deposit 10s. per share, and £1 10s. on allotment.

The public is respectfully informed that the capital of the Hafod Hotal Company (Limited) has been enlarged for the purpose of building the Queen's Hotal, Aberystwills. The site is freehold, at a cost of £850. No promoters' gratuities, or free shares. Apply for prospectus, with drawing of elevation, to John Guilleman, Eaq., stock Exchange, and 3, Bartholemow-lane, E.C.; T.S. HANVEY, Esq., 12, Pall-mail East; at at the offices of the company, 32, Moorgate-street, London.

Notice.—This company's hotel at Devli's Bridge is fitted with all modern applian in is most elegantly farnished. A billiard room has been added, and the hotel will bund to possess every requisite accommodation. The private sitting rooms possess to comforts of home, the windows of which overlook the celebrated Rheidol Fall, enerally, the situation of the hotel is one of the most romantic and picturesque in Priucipality. The Royal Mail coach direct from Llandides at 2:30 p.m. daily representative. By order of the Directors.

A SSAYS AND ANALYSES OF ORES, METALS
MANURES, &c., on the most moderate terms, and with the utmost accuracy
List of fees per post, on application.
JOHN LONGMAID, CITY LABORATORY AND ASSAY OFFICE,
31, THROGMORTON STREET, E.C.

THE EXHIBITION OF ALUMINIUM AND
ALUMINIUM BRONZE WILL OPEN APRIL 1st, 1863.
TWO THOUSAND SPECIMENS, illustrating the application (ornamental and useful) of these interesting metals will be EXHIBITED on the OPENING of—MAPPIN BROTHERS' NEW ROOMS, 222, REGENT STREET.

Admission by card.

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312 Creegorawse and Penkevil, St. Colomb	6000 British (tin & cop.), [L. £1 10s.] 0 12 0 14s No call No the New York of the State of t	13 11. —
280 Dorrent Mines (elllead), Durham 500 0 0 247 10 0 4 0 0—Sept. 1862 1024 Deron Gl. Con. (cop.), Tavist. * [S.E.] 1 0 0 836 0 0 10 0 0—Jan. 1863 358 Dolcoath (copper, tin), Camborne* 128 17 6 620 701 10 0 8 0 0—Feb. 1863 12300	112 Bron-Haulog(id.), Denbighab. 20 0 0	0 0
12800 Drake Walls (fin, copper), Calstock 2 1 0. 236 236 236 236 0 16 6. 0 1 6 Feb. 1863 3000 Dyfngwn (lead), Wales 12 6 6 236 236 236 17 6. 0 2 6 Jan. 1863 513 East Basset Georg. Refurth [8] E. 18 28 16 6 29 10 6 20 346 35 35 35 35 35 35 35 35 35 35 35 35 35	500 Bryn Gwlog (lead), Flint 6 0 0 32	17 6
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5908 Great Wh. Vor (tin, ep.), Helston [S.E.] 40 0 0 7 14	914 Caradon Cons. (cop.), St. Cleer 26 4 6 20 18 20 Mar. 1863 6000 Polyiev Mour(tin). Wendron 1.1	00
400 Lisburne (lead) Cardigarables Welce 12 0 2 9 15 0., 0 15 0-Feb. 1863	10000 Complex Wales (tin) Calatock 0	
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7 Par Consols (cop.), St. Blazey [S.E.]. 1 2 6 38 16 6 0 7 0 Nov 1869	20000 Carry fort State 4 0 0 Sept. 1862 4096 Rosewarns United (en. tip)	0 0 –
1103 0-11		M
16 Rhoseamor (lead)	6000 Charlotte Unid., Perranuthnos 3 8 1	6 6Se
16 Rhosesmor (lead)	3000 Clara Unit., Ponterwyd [L.£3] 12 0. — July, 1842 100 Silver Rake (lead) [L.£2] 7 787 Clijah & Wentworth (tin,cp.) 50 15 0. — Dec. 1862 1863 1863 1864 1864 1864 1865 1862 1862 1862 1862 1862 1862 1862 1863 1863 1863 1864	2 6 —Ja 5 0 —Ja 8 0 —Da
280 Spearne Moor (tin, copper), St. Just 31 17 9 9 15 0 1 00 - June, 1862 910 St. Ives Consols (tin), St. Ives 8 0 0 9 15 0 1 00 - Now 1862	861 Crane (copper), Camborne 16 10 0 1914	8 8 78Fe
6000 Tinerofi (cop., tin), Pool, Iligran [S.E.] 9 0 0 . 2022½ 23½ 11 18 6 0 5 0—Nov. 1882 1 11 18 6 0 5 0—Doc. 1882 1 12 0 1882 1 11 0 0 2 0 0—Mar. 1882 1 11 0 0 2 0 0—Mar. 1882 1 1882 1 1 1 0 0 0—2 0 0—Mar. 1882 1 1 1 0 0 0—2 0 0—Mar. 1882 1 1 1 0 0—2 0 0—Mar. 1882 1 1 1 0 0—2 0 0—0 0 0—0 0 0 0 0 0—0 0 0 0 0 0	12000 Crolake (cop.), Taylstock	0 414414 436Fe
256 West Damsel (copper), Gwennap 38 10 0 62 32 34 101 1 3 0 10 0-Oct. 1862	6000 Cuddra (cop. tin) St. Austell. 9 12 0	0 ::Ma
6400 West Fowey Consols (tin and copper). 7 10 0	10000 Dale, N. Staf. [L.] [21000 £1 pd., 9000 7s. 6d. pd.]	0 ::De
1000 Wheal Basset and Grylls (tin) 7 0 0 28 274 284 1 0 0 1 0 0 1863 1	2000 Dev. New Copper Co. (L. £2) 3 5 0	0 —Dec
300 Wh. Macott and Wrey (lend), St. Ive. 2 10 8 756 636 634 8 2 0 1 0 0-Jan. 1962	0000 Devom wheat Sulfer (copper) 4 10 0	0 –
1024 Wh. Mary Ann (ld.), Menhenlot [8.E.] † 8 0 0. 17 . 16 16 4 . 57 7 6. 0 10 0 Mar 1862	1000 Dulta (tin) [L.£1] Fully paid. 1024 South Tresavean, Gwonnap. 4 11 Feb. 1863 4096 S.Wh. Betsy, Mary Tavy, Jv. 1 7	3 Jan
128 Wheal Prosper (tin), Lanivet 3 0 0 4 10 0—June, 1862 4 10 0—June, 1862 4 10 0—June, 1862 1040 Wh.Trelawny(silid.),Liskeard [8,E.] 5 17 0 18 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	2000 E. Beam (tin), St. Aus, [L.£2] 1 7 0	2 –
5. Videnta paid every three months.	0000 E. Clovan(gold) Meric ff 611 0 5 0	7 May
700 Aberdovey (silver-lead), Merioneth 1 10 0 0 10 9., 0 10 9. Mar. 1889	3000 East Damsel (cop.), Gwennap 1 11 0. —	6 —
256 Condurrow(cop., tin), Cambrone. 35 0 0. — 90 100 85 0 0. 2 0 0—June, 1857 256 Cook's Kitchen (copper), Illogan. 17 0 9. 27142814 2914 1 7 0. 0 7 0—May 1869	3000 E. Grenville (cop.), Camborne 1 12 0. 49s48s. 50sFeb. 1863 1024 8t. Ives Wheal Alien (tin), Eedruth 2 13 1000 E. Grunis Lake & 8. Bedf. (cp.) 7 1 0	7 314316 314 Feb.
672 Ding Dong (tin), Gulval	1024 E. Margaret (tin), Uny Lelant 18 5 0	0
0000 Great South Tolgus [8.E.], Redruth. 0 14 6. 614. 534 6 7 18 6. 0 5 0—Dec. 1861 19 Great Work (tin), Germoe	610 East Seton (cop.), Camborne. 0 7 0 Nov. 1869 2000 Trefulack Uni. (tin), St. Enoder 3 5	0 Sept
20000 Mining Co. of Ireland (cop., lead, coal) 7 0 0	034 E. Treskerby (cop.), Redruth, 6 50 3½ 3¾Nov. 1862 1024 Trencrom (tin), Uny Leiant. 12 2 190 E. Whoal Agar (cop.) St. Clear. 9 13 0 3½ 3¾ Nov. 1862 3270 Tresellyn and Scaddick Cons. 1 11	3 —Oct.
8000 North Downs (copper) Redruth	048 East Wheal Grylls (tin, cop.) 0 10 0	0 — Jan. 10. — Dec
\$600 Tamar Con. (ai) .14 \ Bearsteton (9 m) 0 13 6 0 3 0-Mar. 1860 a	000 Ely Merthyr Col. [L. £2 10s.] 1 5 0 478 4% Feb. 1863 4000 Trumpet Unit. (tin), Wendron 1 7 000 Ely Merthyr Col. [L. £2 10s.] 1 5 0 478 4% Feb. 1863 4000 Trumpet Unit. (tin), Wendron 1 7 000 Elyston (convert), 25 100.	0 –Jan.
1024 Wendron Consols (tin), Wendron 12 13 10 141/ 181/ 181/ 181/ 181/ 181/ 181/ 181/	114 Garden (tin), Morvah 35 0 0 Feb. 1862 1024 Tyringham Consols (tin) 2 0 024 Garlidga Haifed Wondron 12 6 3 Feb. 1862 20000 Vale of Towy (lead), Carmar. 0 15 (6 7s 6s. 7sJan.
256 Wheal Buffer (cop.), Redruth [S.E.] 5 0 0 65 63 65 920 0 0 2 0 0 Mar. 1861	000 Gawton (copper), Tavistock. 1 17 0. 34. 48. 68. Feb. 1863 3000 West Aifred (copper) [L. £3] 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 — Nor Dec.
512 Wheal Jane (silver-lead), Kea 8 10 0 0 5 0 0 5 0 0 5 0 May, 1862 50 1024 Wheal Kitty (tin), Uny Leiant [S.E.] 2 0 6 13 10 0 1 0 0 Mar. 1862 4	992 Godfnan (ally Jd.) Cloop cipil cone [L.]. 1 0 0 — Fully paid. 1218 W.Condurrow(tin,cop.), Cam. 8 5 1 1218 W.Condurrow(tin,cop.), Cam. 8 1 1218	0 –
105 Wheal Kitty (tin), St. Agnes 419 6. 5 . 43/4 53/4 . 0 18 6. 0 2 0—July, 1860 2 5000 Wieklow (copper) [L.], Wicklow . 5 0 0 . —	oog Goonzion (copper), St. Cleer. 3 10 6. 2%	6 —Dec.
FOREIGN MINES.	996 Great Caradon (cop.), 8t. Ive. 2 0 0 2½ 2 Dec. 1862 6000 W. Polmear(tin,cp.),8t. Austell 0 18 (6 14 12 14Jan.
12000 Cobre Copper Co. (cop.), Cuba [S.E. 140 0 0	000 Great North Tolgus [Copper] 2 0 0	4½ April, Feb.
70000 English and Australian [S.E.] 5 0 0 7½ per cont Yearly. 10 25000 Fortuna (lead), Spain [L.] [S.E.] 8 0 0 1 7 6 0 2 6 Feb. 1862 3	000 Great Treveddoe (copper) 0 14 0 —	
69000 Kapunda Mining Co., Australia (S.E.) 1 0 0 0 - 20 22 19 5 0 1 0 0 - June, 1862 31 15000 Linares (d.), Pozo Ancho, Spain [S.E.] 5 0 0 - 14 11 4 0 10 0 0 10 0 1 0 - 10 0 0 10 0 1	500 Grosvency(d.)[2500£lpd.,25007s.pd.]	Feb.
100000 Port Phillip (gold), Clunes [S.E.]. 1 0 0	100 Harwood (id., Journam(L.£1) 0 5 6	4½ 5Nov.
0 20 0 20-Nov. 1862 60	000 Hingston Down (cop.), [8, E.] 5 6 0	% 1/4 Sept.
10000 Altenand Oumpagen Tel (con) Fr des	000 Lady Bertha (cop.) [8, E.] 2 5 6 1 34 1 Jan. 1863 4000 Wh. Emma(cp) Buckfastleigh 2 15 0	
10000 Pontgibaud (sillead), France [S.E.] 20 0 0	163 Lelant Cons. (tin), Uny Lelant 34 0 0	5¼ .5½ 5¾ .Nov.
Shares. Mines. 100	00 Long Rake (lead), Flint 15 0 0. 18½	91/4 10 Feb.
20000 Beariz (tin) [L. £1]	So Merllyn (lead), Flint 3 17 6 36 36 36 37 6 38 3	
15000 Capula (silver), Mexico (L. £2] (8.E.) 2 10 0 27% 23% 27%Jan. 1863 10 27000 Capula (silver), Mexico (L. £2] (8.E.) 0 10 0 78Jan. 1862 50Jan. 1862 50 .	75 Michell (lead), Flint	28 26 28 Jan. 1
40000 Clarendon Consols (copper), Jamaica [S.E.] 1 2 6	25 Nangies (tin, copper), Kea. 12 0 0 8 7 8 8 Dec. 1862 240 Wh. Reeth (tin), Uny Lelant 96 10 0.	Sept.
75000 Dun Mountain (copper), New Zealand [L.] [8.E.] 1 0 0 %	00 Nanteos and Penrhiw (L. £4) 3 12 0	Oct.
8000 English and Canadian Mining Company [L.]	00 Nether Heath (lead), Dufton. 0 15 6	Jan.
Fully paid. Folly paid.	14 New E. Wh. Russell, Taylatock 0 6 0	714. 634 7 Sept.
4002 Hope Silver-Lead and Copper Mining Co. [L.], Jamaica 25 0 0 Feb. 1863 60 5000 funprial Thessalian (lead, &e., Thessaly [L. £2] 0 10 0 June, 1860 60 1000 Cagunaso (sulphur, copper), Fortugai [L.] 1 0 0 Fully paid. 100000 Montes Auroo (gold), Brazil [L.] S.E.] 2 0 0 Fully paid. 2000 Montes Auroo (gold), Brazil [L.] S.E.] 2 0 0 Fully paid. 2000 Fully pa	00 New Wredron (tin)	. —
100000 Montes Aureos (gold), Brazil [L.] [S.E.]	00 New Wh. Seton) cop.), Camb. 21 10 0	May,
10000 New Grand Duchy of Baden (aliver lend) near Western 1 0 0	18 North Buller (cop.), Redruth. 22 17 6	ous.
15000 Pachaca Silver Mining Company, Mexico [L. £1]	0 M. Dolcoath (cop.), Camborne 2 16 6. 214234 214Mar. 1863 0000 East India Irrigation and Canal 2 0 0.	. 19 Fally
	M. Grambler (cop.), Redruth 2 15 0	60 - 60 69
2000 8t. John's United (copper, lead), Newfoundland (L.) 1 0 0	* Those mines with [S.E.] appended have been admitted on the Stock Exchange. Those mines with [L.] appended he Limited Liability.	THE STATE OF
1000 Western Africa Malachite (copper) [L.]	Our object being to make the Share List correct, we carnestly call upon all who have the power, to aid us, by forwardition which may, from time to time, come under their notice. To shareholders, as well as those officially connected withformation. Reports from mines—in fact, mining intelligence of every description. The relief is the control of t	ng any alterations or committee the mines, we appeal if
	ion : Printed by Richard Middlerow, and published by Henry English (the proprietors), at their office, No. 96, Preser	Leneral accountage.
** 1% 4 4% Fully paid.	munications are requested to be address ed.—March 21, 1863.	ornar, E.U., Where and